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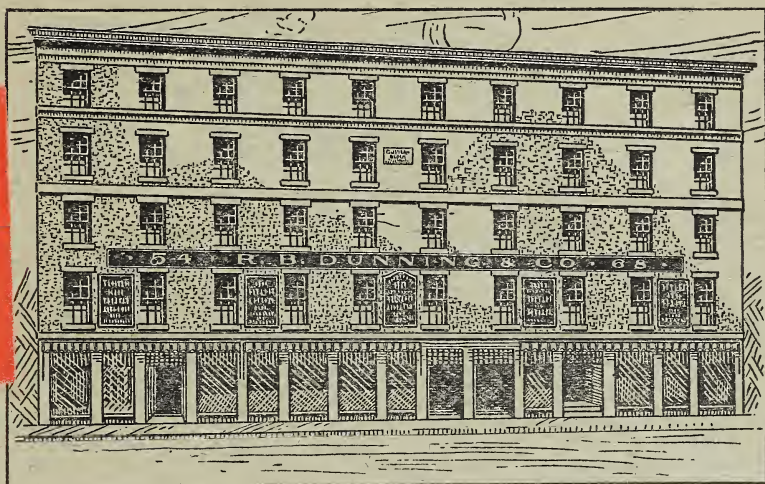
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— 1930 CATALOGUE —

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U. S. Department of Agriculture

R. B. DUNNING & CO.

ESTABLISHED 1835

Seedsman



GARDEN, FIELD AND FLOWER SEEDS

Nos. 54, 58, 62, 68 BROAD STREET
BANGOR, MAINE

Vegetable Seed Trials
D. N. Shoemaker

Established
1835

Incorporated
1897

R. B. DUNNING & CO.

BANGOR, MAINE

Annual Catalogue

1930

The Oldest Seed and Implement House in Maine

We take pleasure in presenting to our patrons and friends our catalogue for 1930.

For *Ninety-five Years* we have been established and enjoyed the good will of our customers, which is demonstrated by our greatly increased and continually growing business.

Our present location is within ten feet of where the business was established in 1835 and has always been in the Dunning family.

We always feel that our customers are our friends and wish to take this opportunity to express to the fullest extent our appreciation of the patronage they have given us in the past and intend to continue to merit the same by exercising the utmost care and fidelity in the future as has been in the past in promoting the interests of our many customers.

We beg to solicit your future favors and your recommendations to your friends.

R. B. DUNNING & CO.

NOTICE.—We offer our seeds with the full assurance that they are true and reliable, quality being always our first consideration, but at the same time we wish it particularly understood that we do not warrant them, either expressed or implied, for the ultimate success of a crop is dependent on so many contingencies that we cannot hold ourselves liable or responsible for failure. If the purchaser does not accept the seeds on these conditions, they must be returned at once.

R. B. DUNNING & CO.

All Prices Quoted in This Catalogue are Subject to Change without Notice

BANGOR AGRICULTURAL WAREHOUSE AND SEED STORE

Established 1835

R. B. Dunning & Co.

Seedsman

1930

Illustrative and Descriptive Catalogue of

GARDEN, FIELD, GRASS AND
FLOWER SEEDS



R. B. Dunning & Co.

Nos. 54, 58, 62, 64 and 68 Broad Street

Bangor, Maine

BUSINESS INSTRUCTIONS

In ordering goods please give your Name, Post Office and State in full, being particular to write *your Name, Post Office and Shipping Destination very distinctly*.

Remittances can be made by Post Office Money Orders, Bank Drafts, Express Orders or cash sent in Registered Letter.

Orders from unknown correspondents must be accompanied by a remittance or a *satisfactory reference*, Bangor references preferred on account of saving of time.

When ordering seeds in bulk by Parcel Post, postage must be added as per parcel post rates, see below. Seeds by packet and ounce will be mailed without extra charge.

In sending money for Postage on goods to be sent by Parcel Post, in case more money is sent than required, the balance will be returned either in stamps or our check owing to the amount to be returned.

In shipping we make no charge for delivery to railroads, steamers or express companies.

We *guarantee* safe delivery to the Railroads, Express Companies and Post Office. Our responsibility ceases on delivery of goods to the above carriers.

When ordering goods please state if you want them sent by Parcel Post, Express or Freight.

LIBERAL REDUCTION TO CLUBS

Liberal reductions will be made to persons selecting *packet seeds* from our Catalogue at the prices named, and will be forwarded, postage free, to any part of the United States.

Those remitting	\$1.50	may select seeds in packets and ounces amounting to	\$1.80
"	"	2.50	" " " " " " " " " " 3.00
"	"	3.50	" " " " " " " " " " 4.50
"	"	4.50	" " " " " " " " " " 6.00
"	"	5.50	" " " " " " " " " " 7.50

This reduction is for *SEEDS in PACKETS AND OUNCES ONLY*. Seeds when ordered in larger packages than the above, such as $\frac{1}{4}$ pounds, pounds, bulbs, plants or other goods shown in catalogue, will not be included.

General Information Concerning the Parcel Post

SEEDS, IMPLEMENTS, and MERCHANDISE come under *FOURTH CLASS MATTER* and all take the same rates of Postage when sent by *PARCEL POST*.

RATES OF POSTAGE FOR 4th CLASS MERCHANDISE

Zone Distances	Zones	First Pound	Each Additional Pound
Bangor and Rural Delivery,		\$.07	\$.01 up to 70 lbs.
Within 150 Miles,	1st & 2nd	.07	.01 up to 70 lbs.
150 to 300 Miles,	3rd	.08	.02 up to 70 lbs.
300 to 600 Miles,	4th	.09	.04 up to 50 lbs.
600 to 1000 Miles,	5th	.10	.06 up to 50 lbs.
1000 to 1400 Miles,	6th	.11	.08 up to 50 lbs.
1400 to 1800 Miles,	7th	.13	.10 up to 50 lbs.
*1800 Miles and over,	8th	.14	.12 up to 50 lbs.

* Includes non-contiguous possessions.

RESTRICTIONS

Size limit, 84 inches in length and girth combined. Eight ounces or less, $1\frac{1}{2}$ cents for each 2 ounces, over eight ounces considered one pound. Fractional pounds considered pounds.

Weight limit up to and including third zone 70 lbs., beyond that, 50 lbs.

Any goods of a *Poisonous* nature, such as *Paris Green, Arsenate of Lead, Hellebore, Bordeaux Mixture, Cooper Sheep Dip, Weed Killer*, etc., cannot be sent by Parcel Post.

SELECTED NORTHERN GROWN VEGETABLE SEEDS

ORDER EARLY:—Early buying is very much to the advantage of both the customer and the dealer. We would recommend sending in your order as soon as possible after receiving the catalogue, and thus avoid the rush of the planting season. Orders can be handled easier and much better than later. The customer gets his goods in much better condition, without delay, and consequently has them when they are needed.

Seeds sent by Mail, Express or Freight as the purchaser may wish. Seeds in packets and ounces mailed without extra charge for postage. When ordering by mail, add postage for beans, corn and peas at the rate of eight cents per pound to catalogue prices. For seeds in larger quantities to go by Parcel Post, see General Information on page 2.



ARTICHOKE—Jerusalem

From four to five bushels will seed an acre; they should be cut the same as potatoes, one eye on a piece being sufficient, planted in May in rows three feet apart, and about eighteen inches in the rows, and covered about two inches deep.

They are the best hog food known, and are attracting much attention on account of their great fattening properties, and for milch cows, they excel any root grown for increasing the flow of milk, and make it much richer.

An acre will keep from 20 to 30 hogs during the fall and winter months.

They are well adapted to any soil where corn or potatoes can be grown.

JERUSALEM ARTICHOKE. Tubers, per qt., 25 cents; per pk., \$1.50; per bu., \$4.00.

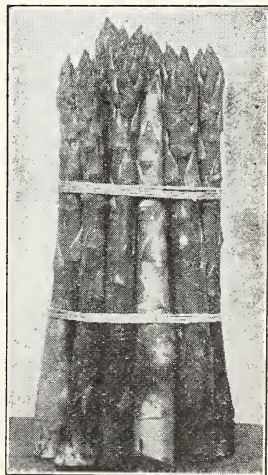
ASPARAGUS

One ounce of seed will sow sixty feet of drill.

This is one of the first and finest spring relishes which come to the table from the garden, and it really requires very little trouble in cultivation, since a bed once properly made and planted will last for years. The soil for the bed can hardly be made too rich, and the fertilizer should be well trenched-in to the depth of 2 feet or more. The roots should be planted as early in spring as the ground can be prepared, setting them a foot apart in rows 3 or 4 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seed may be sown directly in the permanent bed and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 60 feet of drill, and produce about 300 plants. Fair crops may be expected the third year.

CONOVER'S COLOSSAL. Widely cultivated; very large, deep green; tender stalks of good flavor; the roots are vigorous and productive Pkt. Oz. $\frac{1}{4}$ lb. .10 .25 .75

For price on Asparagus Roots, see Vegetable Plants.



*Conover's Colossal
Asparagus*

GARDEN BEANS

Dwarf or Bush

Two pounds is sufficient for one hundred feet of drill; 90 pounds for one acre in drills.

A succession of sowings can be made from the first week in May until July. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted; the plants should be about three inches apart.

When ordering Beans sent by mail add postage as shown on page 2.

Green Podded Varieties

BURPEE'S STRINGLESS POD BUSH

BEAN. Dwarf green podded beans; stringless and remain tender and crisp long after maturity. Pods light green, long, round, fleshy. Very productive and of fine flavor

1lb. 2lbs. 8lbs.
.40 .75 2.50

Burpee's Stringless Green Pod

DWARF HORTICULTURAL. A fine, early shell bean40 .75 2.50

IMPROVED GODDARD OR BOS-

TON FAVORITE. A fine shell bean, very similar to the Dwarf Horticultural but much larger. A great favorite throughout this section as a shell bean for market gardeners as it matures earlier than the large pole varieties

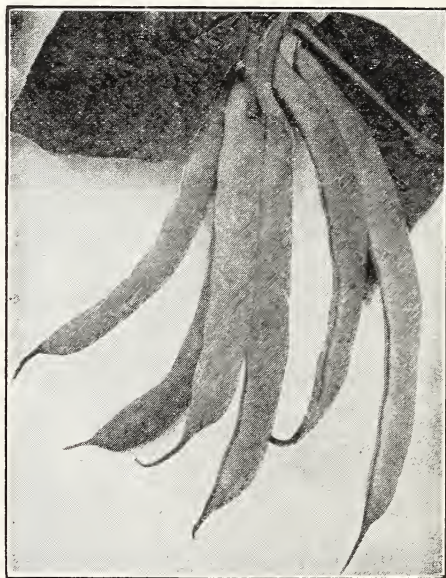
1lb. 2lbs. 8lbs.
.40 .75 2.50

BOUNTIFUL. Excellent market garden variety. Pods are medium size, green and flat; a superior snap bean. Very prolific

.40 .75 2.50

LOW'S CHAMPION. One of the best for either snap or shell beans. Very productive; large, green, flat pods

.40 .75 2.50

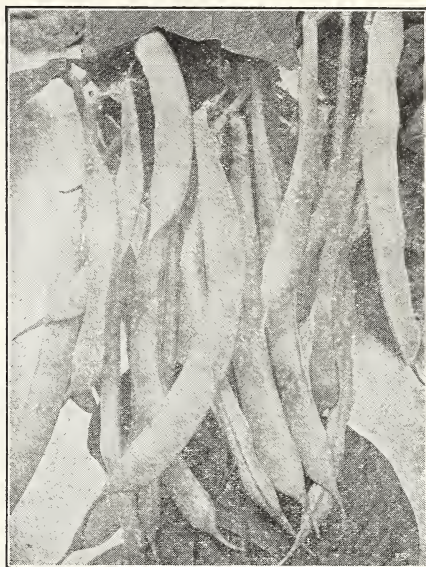


Bountiful Bush Beans

GIANT STRINGLESS GREEN-POD.

This is a distinct cross-bred variety, possessing all the merits of the old favorite Round-Pod Valentine. The pods being larger, five to six inches in length; absolutely stringless, very crisp, round, full and fleshy. Very productive and maturing but a little later than the Burpee's

	1 lb.	2 lbs.	8 lbs.
Stringless .....	.40	.75	2.50

**LONG YELLOW SIX WEEKS.**

Hardy and prolific, an excellent early string bean;

pod green40	.75	2.50
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Improved Golden Wax

Prices for Beans in larger quantities quoted on application.

Wax, or Yellow Podded Varieties

CURRIE'S RUST PROOF, OR BLACK WAX BUSH. Straight, yellow, stringless pod. Unsurpassed for quality	1 lb.	2 lbs.	8 lbs.
	.40	.75	2.50

BLACK WAX, PENCIL POD. Very early and productive, pods 6 to 7 inches long, round, meaty, stringless, straight, bright yellow color and of best quality40	.75	2.50
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IMPROVED GOLDEN WAX. An improvement on the old Golden Wax. Pod is somewhat round, meaty and entirely rust-proof40	.75	2.50
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DAVIS KIDNEY WAX. This plant is a vigorous grower, carrying the pods well up from the ground. In productiveness it is astonishing, as it will produce at least one-third more bushels of pods to the acre than any other Wax Bean. The pods are long, straight, oval, of clear waxy white color and handsome, <i>often growing to a length of seven to eight inches</i> , and when fit for use, are quite stringless and of fine flavor40	.75	2.50
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WARDWELL'S KIDNEY WAX. Early; vine medium, erect, hardy, productive. Pods long, broad, flat, brittle and of a delicate waxy yellow. Very attractive market sort. Beans large, kidney-shaped, white and dark markings about the eye. First-class snap bean, and a good one for winter40	.75	2.50
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REFUGEE WAX. Long, round, yellow wax pods, very productive, and not inclined to rust40	.75	2.50
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All prices quoted in this catalogue subject to change without notice.

FIELD BEANS—Dwarf

	1lb.	2lbs.	15lbs.
YELLOW EYE. Very prolific; fine for baking .....	.20	.35	2.50
RED KIDNEY. Excellent as a shell bean and for baking .....	.20	.35	2.50
WHITE KIDNEY. Seed smaller than the red variety. Very prolific and exceptionally early. Fine for baking .....	.20	.35	2.50
IMPROVED WHITE PEA. Excellent for baking .....	.20	.35	2.50
IMPERIAL YELLOW EYE. Very similar in size and shape to the Old Fashioned Yellow Eye, and is very often mistaken for them. Pure white with the exception of having a small dot of yellow each side of the eye. Very prolific and of excellent quality for baking .....	.20	.35	2.50

Prices on Beans in larger quantities quoted on application.



BEANS—Pole or Running

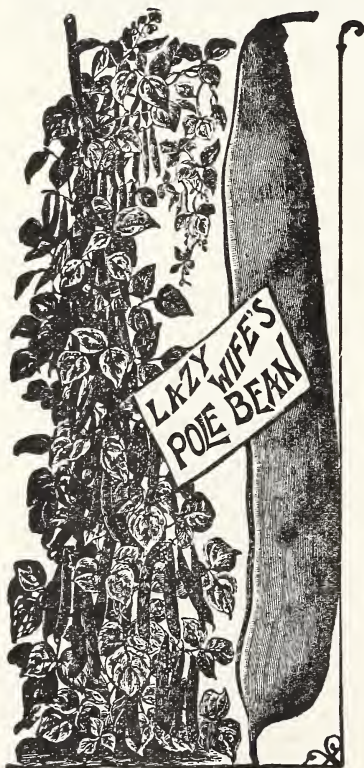
Two pounds will plant 125 hills, 18 to 24 pounds to the acre.

These are more tender, and require rather more care in culture than the bush beans; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

HORTICULTURAL OR SPECKLED CRANBERRY. The most popular variety
for both string and shell beans 1lb. 2lbs. 8lbs.
.40 .75 2.50

CARMINE PODDED HORTICULTURAL. An improvement over the common Horticultural, being very much larger and much more productive. As a market shell bean, it has no equal 1lb. 2lbs. 8lbs.
.40 .75 2.50

LAZY WIFE. Immensely popular everywhere. Pods are large, green, entirely stringless, and of excellent flavor. It is exceedingly productive and easily gathered. Such is the peculiar taste and pleasant flavor of this bean that many persons could not be induced to eat other varieties of string beans, after tasting Lazy Wife. Excellent for shelling or baking 1lb. 2lbs. 8lbs.
.40 .75 2.50



Lazy Wife's Pole Beans

RED CRANBERRY. Small, round, green pods, almost stringless, very tender. One of the best for a string bean 1 lb. 2 lbs. 8 lbs.
.40 .75 2.50

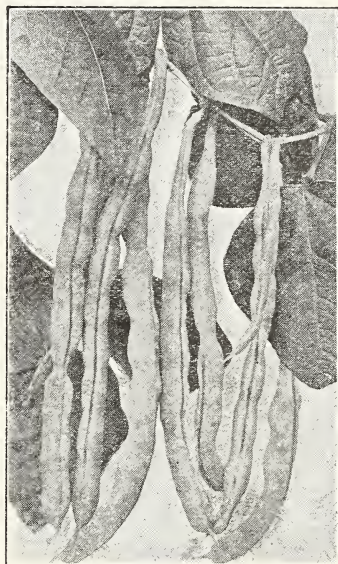
GOLDEN CLUSTER WAX. Pods a beautiful golden yellow, from six to eight inches long, produced in clusters of four to six. One of the earliest of the pole wax beans and very productive. Quality excellent40 .75 2.50

DUTCH CASE-KNIFE. Very prolific, pods very long and flat, seven to eight inches long and three-quarters to one inch wide. Excellent quality, whether used green or dry.40 .75 2.50

KENTUCKY WONDER OR OLD HOME-STEAD. A very prolific sort, producing its pods in large clusters. Pods green, very long, often reaching nine or ten inches, nearly round when young and very crisp, of fine flavor and most excellent for snap beans. One of the best and most profitable beans for the market gardener, the pods being so showy and produced in great abundance 1 lb. 2 lbs. 8 lbs.
.40 .75 2.50

EARLY JERSEY LIMA. Of large size. Very tender and of delicious flavor. Very early. Out of a number of varieties that we have tried, we found this to be the most desirable sort for this climate40 .75

KENTUCKY WONDER WAX. Similar to the green podded Kentucky Wonder. One of the very best wax pod pole beans, very prolific, perfectly stringless and of excellent quality



Kentucky Wonder Beans

SCARLET RUNNER. Very ornamental, free climber with bright scarlet flowers Pkt. 1 lb. 2 lbs.
.15 .40 .75

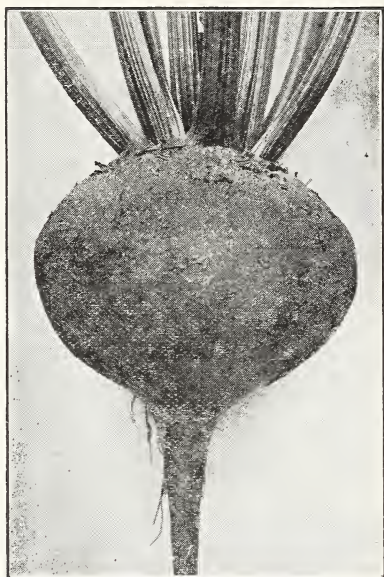
WHITE DUTCH RUNNERS. Large, white flowers; often planted with the scarlet variety; the effect is very beautiful15 .40 .75

Prices for Beans in larger quantities quoted on application.

BEETS

One ounce to fifty feet of drill, six pounds to the acre.

The best results are obtained on a deep, rich, sandy loam. For early use sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches. For the main crop sow the first week in May, and for winter use as late as June. The soil should be deeply manured and well cultivated. In lifting and storing the roots care must be taken that they are not bruised.

*Crosby's Egyptian***PERFECTION EARLY BLOOD****TURNIP BEET.**

This beet is the result of years of careful selection. It is very early with exceedingly small tops, roots globular and very smooth, flesh of a bright blood-red color, very crisp, tender and sweet. It is equally good for the market or home garden, as it is an excellent keeper as well

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
as being very early .....	.10	.25	.75	2.00

DETROIT DARK RED BEET.

As early as Crosby's Egyptian, with flesh a very dark, intense red. Tops small, roots globular, or ovoid; very tender and sweet; good keeper. An early beet of the finest quality for either home or market use

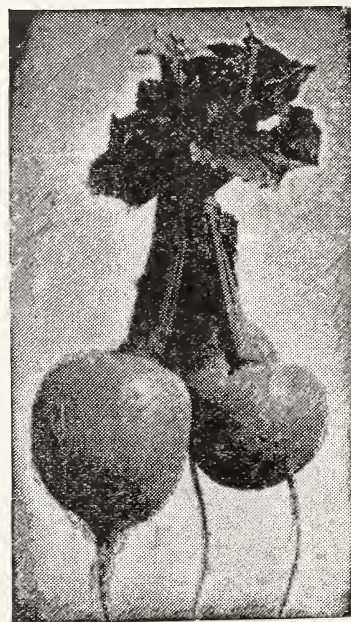
	.10	.20	.55	1.50
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DIRIGO EXTRA EARLY. Originated with a leading market gardener and was brought to perfection after years of careful cultivation. It is a rich, blood-red beet of fine grain and flavor, is earlier than either the Egyptian or Eclipse, of smooth and rapid growth; top and tap root being very small

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
very small .....	.10	.20	.55	1.75

CROSBY'S EGYPTIAN. This variety resembles the Egyptian only in its extreme earliness. It grows much larger and lighter colored. It is one of the best sort for early planting as it reaches a usable size sooner than any other sort

	.10	.20	.55	1.50
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*Detroit Dark Red Beet*

CRIMSON GLOBE. Skin smooth and regular. Flesh a deep, purplish crimson; foliage small, of a rich bronze purple. Roots globular in form with very tender and sweet flesh

Pkt.	Oz.	¼ lb.	Lb.
.10	.20	.55	1.75

ECLIPSE. This variety is about as early as the Egyptian, but of larger and finer quality

.10	.20	.50	1.25
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EARLY WONDER BEET. New England variety, small tap root, semi-globular in shape, dark rich blood color, finely shaped and of decided earliness

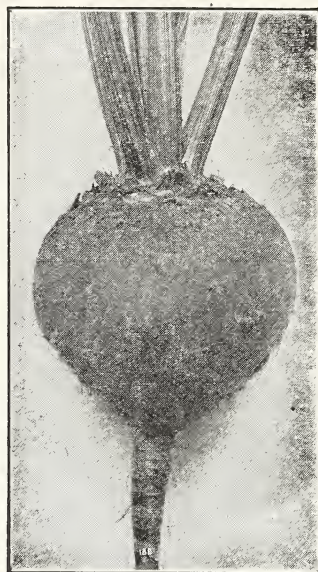
.10	.20	.55	1.75
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DEWING'S BLOOD TURNIP. Of fine form and flavor; blood red, medium early and a good keeper; a desirable variety. It is equally good for market or home garden

.10	.20	.50	1.25
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EDMAND'S EARLY BLOOD TURNIP. The largest sort for general crop. In quality one of the finest, exceedingly dark, shape globular, having only one tap root. Very popular with marketmen

Pkt.	Oz.	¼ lb.	Lb.
.10	.20	.50	1.25



Edmand's Beet



Swiss Chard Beet

SWISS CHARD. Grown for the leaves only. Sometimes called Sea Kale Beet. The leaves of Swiss Chard are used as greens, cooked in the same manner as spinach. The leaf stock is cooked and prepared like asparagus. Especially desirable for the home garden; lasting all thru the season

.10	.20	.55	1.75
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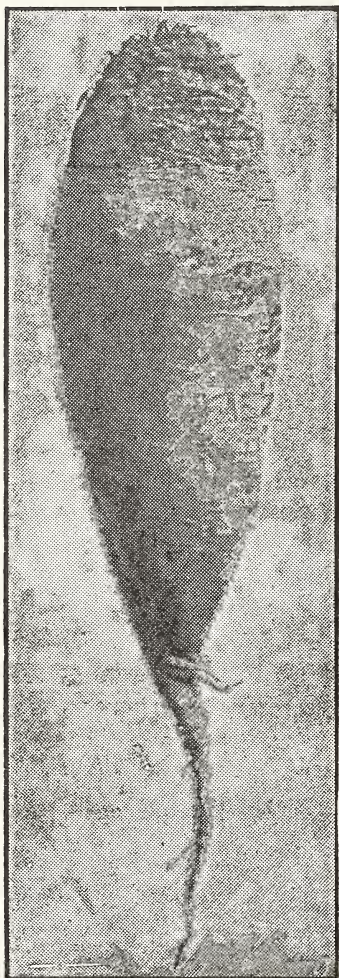
SUGAR BEETS and MANGEL WURZELS

Varieties Grown for Feeding Stock (Sown in May or Early in June) Six Pounds Per Acre

	Oz.	¼ lb.	Lb.
GOLDEN TANKARD. A half long variety of a bright yellow color .....	.15	.30	.75
NORBITON GIANT MANGEL WURZEL. Extra fine. Long Red, very large .....	.15	.30	.75
IMPROVED MAMMOTH LONG RED. Mangel Wurzel. A variety producing roots of mammoth size .....	.15	.30	.75

LANE'S IMPROVED SUGAR. A well-known variety; Oz. $\frac{1}{4}$ lb. Lb.
valuable for feeding to cattle15 .30 .75

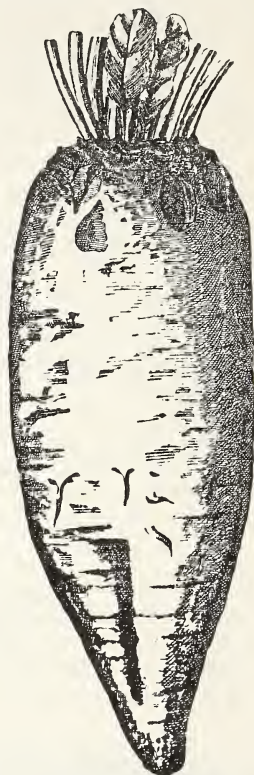
DANISH SLUDSTRUP. This wonderful new mang-
gel is of Danish origin and has repeatedly
been awarded a first-class certificate by
the Danish government on account of the
larger yield per acre and the greater feed-
ing value, per ton, over other well-known
standard varieties. It has a long, reddish-
yellow root, growing well above the ground,
and on that account is very easily harvested.
Tried with six standard, well-known varieties
of Mangels by us, we found that the Sludstrup
gave a far greater yield. We think this is
the best Mangel ever introduced15 .30 .80



Giant Feeding Sugar Beet

GIANT YELLOW ECKENDOFF.

A very popular Danish
variety of mangel of a
square, chunky type. It is
very valuable, not only for
its high feeding value, but
also for its phenomenal
yields. As the greater
portion of the root grows
above the surface of the
soil, they are easily har-
vested, and their chunki-
ness prevents breaking in
handling. We consider this
one of the best varieties15 .30 .75



*Danish Sludstrup
Mangel Wurzel*

Oz. $\frac{1}{4}$ lb. Lb.
.15 .30 .75

GIANT FEEDING SUGAR. A cross of the
Mammoth Red Mangel and Improved
Sugar Beet. Roots large, long and
smooth, and of a beautiful light rose
tint. Yields nearly as large a crop as
the Mangels and supplies a food of
very much higher nutritive value. The
roots grow partly out of the ground
and can be harvested very easily15 .30 .75

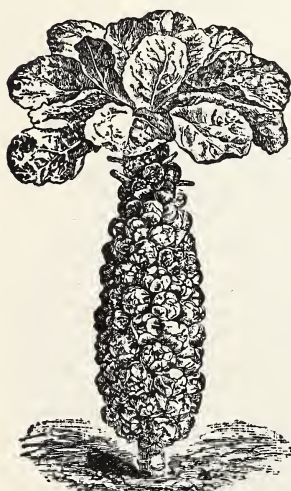
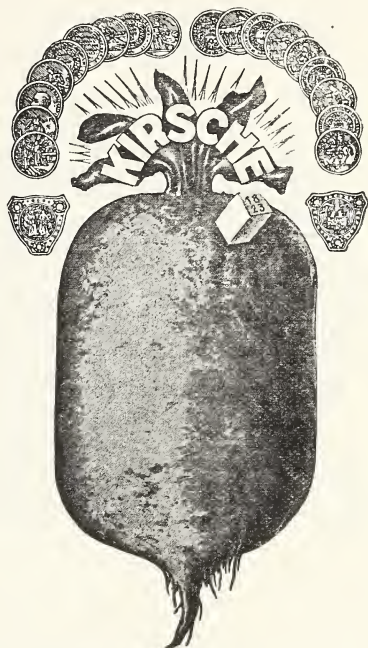
GIANT YELLOW INTERMEDIATE. This
variety grows more than half above
the ground, and is a russet, yellow
color. The root is ovoid, intermediate
between the long and globe varieties.
Flesh white, firm and sweet, much
liked by cattle. Produces enormous
crops and a good keeper15 .30 .75

"A Real Pedigreed Fodder Beet"
"ORIGINAL KIRSCH'S IDEAL"
MANGEL WURZEL

This beet has been bred up with a view to maintaining a large tonnage per acre and increasing the percentage of sugar and digestible dry matter. Nearly forty years of systematic breeding has produced a beet that carries fifty per cent more sugar and dry matter than ordinary mangels and at the same time a full content of protein. A ton of "Kirsche's Ideal" is equal to a ton and a half of ordinary mangels. It is a heavy cropper, easy to harvest, excellent keeper. In form it is cylindrical, growing high out of the ground, with a single tap root from a flattened base which makes clean and easy harvesting. The beet has a yellow skin, with white, crisp interior tissue, a most pleasant flavor and very sweet.

The best beet for dairy cattle
 and for all kinds of live stock Oz. $\frac{1}{4}$ lb. Lb.
 and for winter poultry feed15 .40 1.25

KLEIN WAUZELEBEN. This is the variety of Sugar Beet that is grown on a larger scale for sugar factories than any other. Roots wedge shape, tapering to point. Does not grow as large as some other varieties but contains the largest percentage of saccharine matter. Valuable for feed- Oz. $\frac{1}{4}$ lb. Lb.
 ing stock as well as for producing sugar15 .35 1.00



Brussels Sprouts

BRUSSELS SPROUTS

One ounce will produce 2000 plants.

Cultivated for the small heads that grow from the main stem; these small heads are firm and compact like little cabbages, and are considered a great delicacy by many people. Cultivate the same as cabbage or cauliflower.

HALF DWARF PARIS MARKET. A most excellent variety and sure cropper. Tender Pkt. Oz.
 and of fine flavor10 .50

CABBAGE

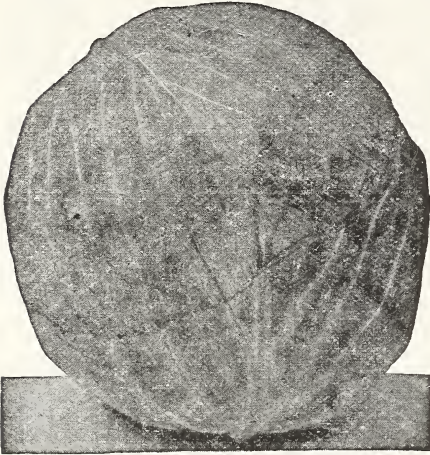
One ounce will produce about 3000 plants; four or five ounces per acre.

The Cabbage is one of the most important vegetables, and some of its varieties universally cultivated. The ground must be highly manured, deeply dug or plowed, and thoroughly worked, to insure good, full-sized heads, a heavy, moist and fresh loam is the most suitable. The early sorts should be sown very early in the spring, in hotbeds, or later in the open ground. Eighteen inches by three feet apart is the common distance.

EARLY JERSEY WAKEFIELD. This is the standard early pointed head cabbage. For the market garden it is the best, and for early home use all should have it Pkt. Oz. Lb.
10 .35 1.25

EARLY WINNINGSTADT. An excellent sort, heads of large size Pkt. Oz. Lb.
10 .35 1.25

GLORY OF EUKHIEZEN. An excellent, medium early, short-stemmed, foreign variety; heads round with very few outer leaves. For so early a variety the heads are extra large and very solid, also a good keeper. One of the most uniform and desirable varieties Pkt. Oz. ¼ lb. .10 .40 1.50



Copenhagen Market Cabbage

EARLY SPRING. The only Extra Early Round Flatheaded Cabbage in the world. Coming in with the Wakefield and yielding one-third more than any other Extra Early. This variety is of the Early Summer Type, but about one-fifth smaller, and has only four to five outside leaves, and these so small that it may be planted 21 inches apart, 14,500 to the acre. The stem is short, making almost the whole plant edible. It is finely bred, the veining of the leaves being particularly fine. There is no cabbage we know of having a more solid head; it has also the peculiarity of heading firmly at an early stage in its growth, so that the finest cabbage, though small, can be obtained long before it has attained its mature size Pkt. Oz. ¼ lb. .10 .35 1.25

COPENHAGEN MARKET. One of the best large early cabbages in cultivation. The heads are round in form, are very solid with small core and of excellent quality. The plant is short-stemmed and heads set near the ground. It is ready for market fully as early as the Early Jersey Wakefield, and the heads being much larger give a far greater yield per acre. One of the very best early cabbages for market gardeners10 .40 1.50

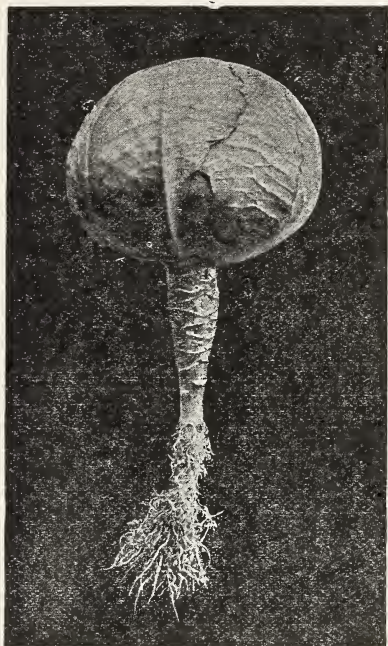
PREMIUM FLAT DUTCH. The old standard variety for the main crop. Large, solid head, extensively cultivated for market and family use and is very hardy. Excellent winter variety. It has long stood the test and is yet one of the best Pkt. Oz. ¼ lb. .10 .35 1.25

FOTTLER'S IMPROVED BRUNSWICK. An excellent medium early drumhead variety. Plants are short-stemmed, leaves large and compact. Considered one of the best by the market gardeners10 .35 1.25



All Seasons' Cabbage

DANISH BALL HEAD. Cape Elizabeth, Maine, grown. A valuable, round, solid, winter variety. It is of excellent quality and a long keeper, keeping long after other varieties have gone. Very profitable for shipping10 .65 2.25



Danish Ball Head Cabbage

STONE-MASON DRUMHEAD. One of the very best for a main crop Pkt. Oz. ¼ lb.
ALL SEASONS' CABBAGE. Early solid and sure headed10 .35 1.25

DANISH BALL HEAD. An extremely hardy, imported cabbage, which is growing in popularity in America, having proven itself one of the very best winter sorts. It is a very sure header, very solid and heavy, an extra good keeper and seller. It is medium to late, but is generally grown as a late crop. Heads are not extra large and without many outer leaves. It is the best cabbage to raise where it is sold by weight, as its solidity is not equalled by any other cabbage grown Pkt. Oz. ¼ lb.
 .10 .40 1.50

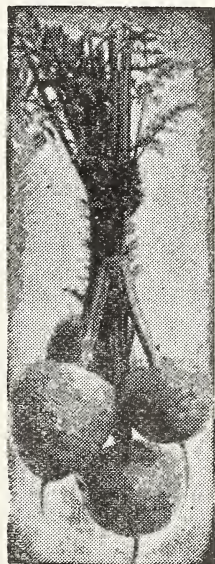
DANISH ROUND HEAD. One of the best varieties of cabbage ever imported. Very similar to the Danish Ball Head, but of larger growth and embodies all its good qualities10 .40 1.50

CARROTS

One ounce to 100 feet of drill; 3 to 4 pounds to the acre.

Carrots require a finely pulverized soil to grow them to perfection. A good, light, and well enriched sandy loam is the best for this crop. For field culture, sow in drills three to three and one-half feet apart so as to cultivate by horse. Market gardeners sow in drills about eighteen inches apart, and cultivate by hand. For early crops cover one-half inch deep, and thin to six inches apart, in the rows; for late, cover three-fourths of an inch deep, and thin to four inches.

EARLY FRENCH FORCING. The earliest variety in cultivation, and the best suited for forcing and early market gardening. Tops,



French Forcing Carrots

SURE HEAD. Produces large, round, flattened heads of the Flat Dutch type, and is remarkable for its certainty to head. It is all head and sure to head even under unfavorable conditions. The heads are remarkably uniform, very hard, firm and fine in texture, and ordinarily weigh from 10 to 15 pounds each. Has but few leaves, keeps well. A good shipper, and just the variety to suit market gardeners and farmers Pkt. Oz. ¼ lb.
 .10 .35 1.25

AUTUMN KING. Entirely distinct, one of the best keepers, enormous sized head, of that dark shade of green, which is most desirable in a cabbage, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts; therefore can be relied upon to produce a greater weight of crop per acre than any other variety. A distinct feature of the Autumn King is the peculiarly crumpled leaf, which not only adds to its appearance, but enables it to be distinguished anywhere10 .40 1.50

MAMMOTH ROCK RED. This is the best, largest and surest heading red cabbage ever introduced. The head is large, round, very solid and of deep red color10 .35 1.25

small and divided. The roots are a reddish orange color and nearly round. When fully matured, they are about 2 inches in diameter

Pkt.	Oz.	¼ lb.	Lb.
.10	.25	.75	2.25

DANVERS HALF LONG. In form it is midway between the Long Orange and Ox Heart. The root is of a dark orange color and grows very smooth. Very productive

.10	.20	.50	1.50
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LONG ORANGE. Large roots, heavy cropper and excellent keeper

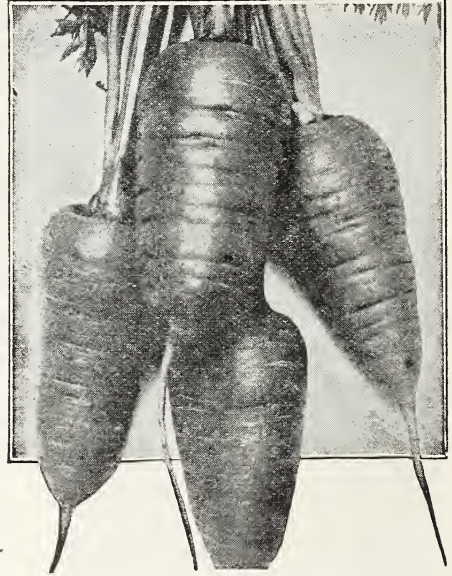
.10	.20	.50	1.50
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NEW OX HEART. A very early and heavy yielder. Thick and short in form, scarlet in color

.10	.20	.50	1.50
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LONG WHITE BELGIAN. Large, long rooted variety; valuable for feeding stock

.10	.20	.50	1.50
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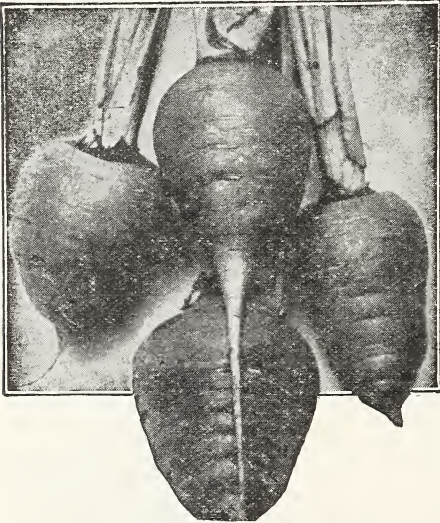


Danvers Half Long Carrot

CAULIFLOWER

One ounce will produce about 3000 plants.

Any soil that will grow early Cabbage will grow Cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well paid. The seeds may be sown in the hot-bed in March or April, and transplanted to open ground about the first of May.

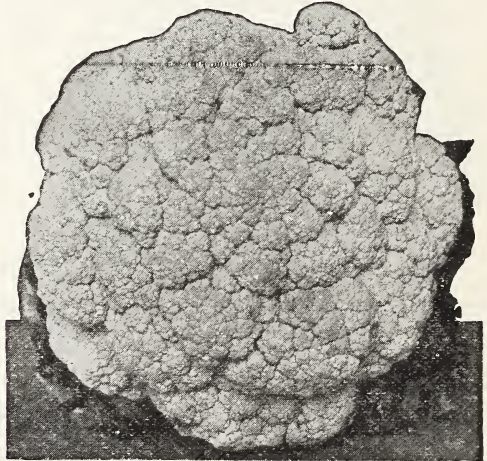


Ox Heart Carrots

HENDERSON'S EARLY SNOWBALL. Pkt. Oz.
A very reliable early variety .15 2.50

EARLY FAVORITE. One of the best early varieties, very hardy, easily grown, and will head under conditions in which many sorts will fail. Heads, large, solid, crisp and tender

.10	1.50
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Early Favorite Cauliflower

CELERY

One ounce of seed produces about 4000 plants.

To have celery early it should be sown in a hot-bed quite early in the spring, and when three inches high plant out in a well prepared bed, which must be covered in frosty weather. For the principal crop, sow early in the spring, very shallow in the seedbed, and when the plants are about six inches high transplant them about six inches apart into trenches, for blanching. Dig the trenches four feet apart, a foot wide and ten inches deep. Fill in five or six inches of well rotted manure and mix thoroughly, half a spade deep, with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch, three or four times during their growth, taking care that no earth falls in the center of the plants.



Golden Self-Bleaching Celery

BOSTON MARKET. A favorite variety, remarkable for its tender, crisp, succulent stems, keeps well Pkt. Oz.
..... .10 .50

HENDERSON'S WHITE PLUME. Crisp, solid and possessing a sweet, nutty flavor; requires very little labor in bleaching10 .60

PARIS GOLDEN SELF-BLEACHING. A self-bleaching early golden colored variety that is very popular10 .75

SOUP CELERY. (Not for planting.) Used for flavoring soups, salads, pickles, etc. Oz. ¼ lb.
..... .10 .30

CHERVIL

CURLED. A crisp curled variety.

This is an aromatic sweet herb that resembles parsley. Used for flavoring soups and salads Pkt. Oz.
..... .10 .40



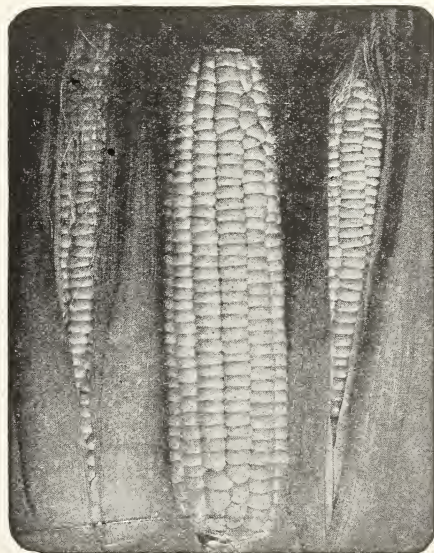
Chervil

CORN—Sweet

1 pound to 125 hills, 18 pounds to an acre.

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before the middle of May and for a succession continue planting every two weeks, until July, in rich, well manured ground, in hills three feet apart each way, covering about half an inch and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in rows. The field varieties should be planted four feet apart each way, leaving three plants to a hill.

When ordering Corn sent by mail add postage as shown on page 2.



Aroostook Early Sweet Corn

All prices quoted in this catalogue subject to change without notice.



Golden Bantam Sweet Corn

AROOSTOOK EARLY. This is a very early variety of sweet corn that originated in Aroostook County, Maine, after many years of careful growth and selection. It is the only sweet corn known that will mature in that section owing to the short growing season. Stalks from 3½ to 4½ feet high, owing to the condition of the soil, with small white ears from five to six inches long, is of excellent quality Pkt. 1lb. 2lbs. 12½lbs. .10 .40 .75 3.75

GOLDEN BANTAM SWEET CORN. This corn has a medium-sized ear of a bright golden color. It is extremely sweet, of delicious flavor and unusually tender. Stalks grow about five feet, are very vigorous, bearing two to three well-filled ears. It matures earlier than Early Crosby10 .35 .65 3.50

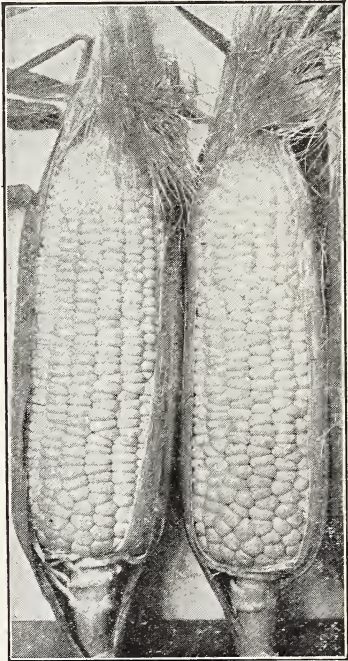
GOLDEN SUNSHINE. The earliest of the yellow sweet corn varieties, maturing about 10 days prior to Golden Bantam. Stalks 4 to 5 feet high with ears 6 inches long and having 12 rows of large kernels. Quality very fine and plants very productive Pkt. 1lb. 2lbs. 12½lbs. .10 .40 .75 3.75

WHITE CORY. A very early dwarf variety, an excellent sort, sweet and good flavor10 .30 .50 2.50

EARLY CROSBY. Not so early as the Cory or Aroostook Early, of very rich, sugary flavor10 .30 .50 2.50

EARLY EVERGREEN. This is a late variety of sweet corn that will mature in this climate. It is very large and deep kerneled, with a sweet sugary flavor10 .30 .50 2.50

BANTAM EVERGREEN. A cross between Golden Bantam and Stowell's Early Evergreen Sweet Corn. It is a late variety, ears large and of a rich golden yellow color10 .30 .50 2.50



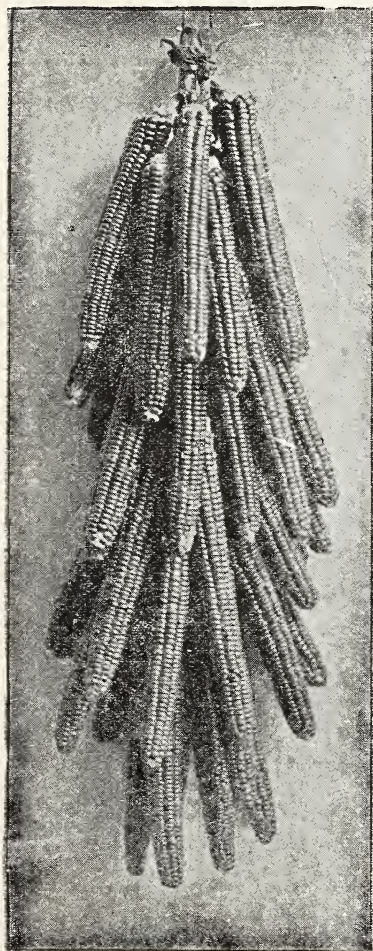
Late Crosby Sweet Corn

BLACK MEXICAN. Grain bluish black, but is especially rich in sugar qualities Pkt. 1 lb. 2 lbs. 12½ lbs. .10 .30 .50 2.50

JEWEL BANTAM SWEET CORN. This corn is very similar to the Golden Bantam, of which it is a selection, and is identical in flavor and sweetness. The ears are larger and the stalks more vigorous. It matures about the same time as the Golden Bantam10 .35 .65 3.50

CORN—Field and Ensilage

FIELD OR FLINT CORN, if ordered sent by Parcel Post extra money should be remitted to pay postage. See General Information concerning Parcel Post on page 2.



Early Yellow Canada Corn

EXTRA EARLY YELLOW CANADA.

This is a very early eight-rowed variety, which we have secured after years of careful selection. Produces large, long, well-filled, golden ears; very prolific

1 lb. 14 lbs.
.20 1.75

SWEEPSTAKES SEED CORN

See page 18

RED COB ENSILAGE. A pure white corn. It is sweet, tender and juicy, has short joints, grows to a great height with an abundance of leaves

Write for prices

EVERGREEN SWEET FODDER. For cutting green and feeding to stock this variety excels all others in tenderness, sweetness and nutriment

Write for prices

EARLY WHITE SANFORD. A white flint variety, very valuable for ensilage and fodder, the stalks being very large and numerous. Particularly adapted to this climate as it ears well and, if planted early, will come to maturity

Write for prices

IMPROVED LEAMING. An early, yellow dent variety. Very productive. One of the best for ensilage or green fodder

Write for prices

SWEEPSTAKES PEDIGREE SEED CORN

SWEEPSTAKES PEDIGREE SEED CORN was first sold in New England in 1917 at Portland, Maine, and from such a start it is today considered the VERIBEST SEED CORN FOR SILO PURPOSES and this honor extends from the Atlantic to the Pacific, and in our northern tier of states and southern Canada, THERE IS NO OTHER ITS EQUAL TO PRODUCE GROWTH, WEIGHT, AND MATURITY.

We hold Certificate of Agency for the sale and distribution of this wonderful brand of seed corn, and when the farmer grows SWEEPSTAKES he has the facts when he feeds it.

This cut represents Mr. Hubbard of Cortland, N. Y., standing by six stalks from seed he sold, and at eighty-five years of age, BELIEVES THIS IS THE ONLY SEED CORN ANY FARMER SHOULD PLANT FOR THE SILO.

There is only one brand of SWEEPSTAKES PEDIGREE SEED CORN, which is grown and put up under the most careful inspection and supervision at all times.

The International Consolidated Record Ass'n, Inc., of Elmira, N. Y., grow and ship the seed we sell, and we shall be pleased to have every one of our customers and friends plant SWEEPSTAKES PEDIGREE SEED CORN.

It has QUALITY and is DEPENDABLE. One peck of seed per acre produces best crop.

PRICES

15 cts. per pound; \$1.75 per peck, 14 lbs.; \$6.00 per bushel, 56 pounds; bags extra.

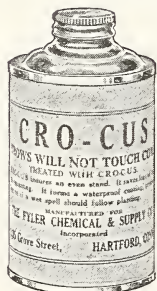
If sent by Parcel Post, include extra for postage.



CRO-CUS

Corn crop insurance against crows. Repels crows, keeps seed from rotting. Labor, time and seed saved. No replanting. One can treat 8 pecks of corn.

Pint Can, \$1.00 postpaid



CRESS OR PEPPER GRASS

One ounce will sow 100 feet of drill.

A well-known salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals to keep up a succession, as it soon runs to seed.

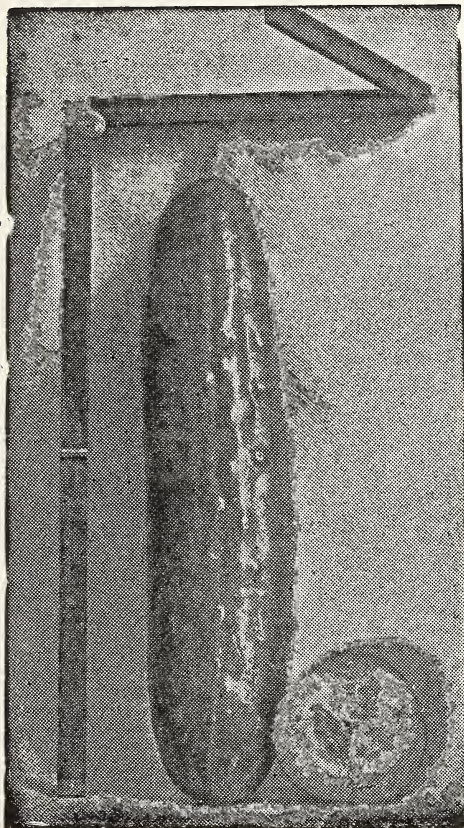
	Pkt. Oz.
DOUBLE CURLED. Very fine; may be cut two or three times .....	.10 .25

CUCUMBER

One ounce to fifty hills.

The Cucumber is a tender annual, and therefore should not be planted or set out in the open air until there is a prospect of continued warm and pleasant weather. Cucumbers succeed in warm, moist, rich, loamy ground. The hills should be four or five feet apart in each direction.

When all danger from insects is past, leave but three or four of the strongest plants in the hill.



Japanese Climbing Cucumber

JAPANESE CLIMBING.

A distinct and valuable variety, quickly climbing poles or trellis, taking up less room in the garden and keeping the fruit up from the ground and clean. It produces very long, round, crisp fruit of fine flavor and is very

	Pkt. Oz. ¼ lb. Lb.
prolific .....	.10 .25 .75 2.00

NICHOLS' MEDIUM

GREEN. This is a very fine table variety, and also good for early forcing. Color dark green; flesh very crisp; very prolific and always straight, smooth and handsome. It also makes a very desirable sort for pickles

.10 .20 .60 2.00

GIANT PERA. A very large variety of

exceptional quality with smooth, thin, light green skin. The flesh is unusually thick with very few seeds. They are crisp, brittle and of extremely mild flavor. They frequently grow from twelve to fifteen inches in length under good cultivation

.10 .20 .60 2.00

EARLY RUSSIAN. Pkt. Oz. ¼ lb. Lb.
The earliest variety10 .20 .50 1.50

IMPROVED WHITE SPINE. Superior for table use, very productive, medium sized, straight and well formed.

Pkt. Oz. ¼ lb. Lb.
.10 .20 .60 2.00

EARLY FRAME. An early standard variety about five inches long.

Pkt. Oz. ¼ lb. Lb.
.10 .20 .50 1.50

EARLY FORTUNE. The finest type of White Spine yet produced.

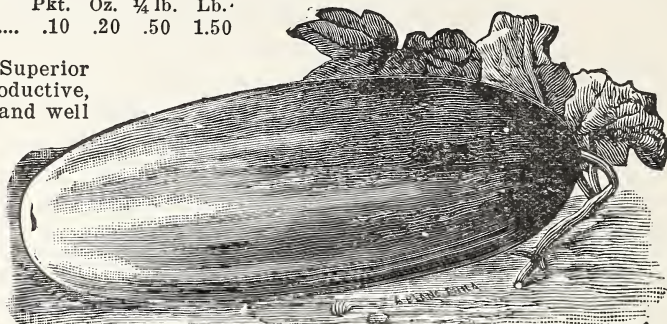
Early, very productive and disease-resistant, fruit long and slightly tapering; flesh white, very firm and crisp, with very few seeds

Pkt. Oz. ¼ lb. Lb.
.10 .25 .75 2.25
.10 .20 .50 1.50

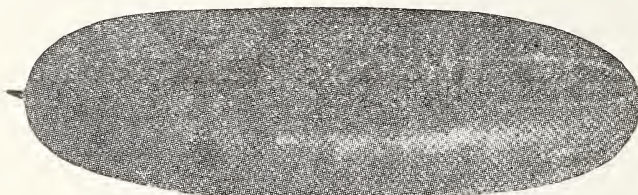
EARLY GREEN CLUSTER. Grows in clusters, early and productive
IMPROVED LONG GREEN. Long and crisp; a popular and reliable variety for pickles

.10 .20 .60 1.75
.10 .20 .60 1.75

BOSTON PICKLING. The finest variety to grow for pickles



Improved White Spine Cucumber



Davis Perfect Cucumber

DAVIS PERFECT. New variety, considered to be one of the very best cucumbers ever introduced; heavy cropper, rich dark green color, medium long and slim, few seeds, tender, crisp and of fine flavor, vigorous and blight resisting sorts.

Pkt. Oz. ¼ lb. Lb.
.10 .20 .60 1.75

DANDELION

One ounce to 100 feet of drill.

The Dandelion resembles Endive and affords one of the earliest, as well as one of the most healthful, of spring greens. Sow as early as the weather will permit, in good, well enriched soil, in rows twelve inches apart, covering seed one-fourth of an inch deep, the earth firmly pressed over the seed.

IMPROVED THICK-LEAVED. Best variety10 .85 3.00



Green Curled Endive



Improved Thick-Leaved Dandelion

ENDIVE

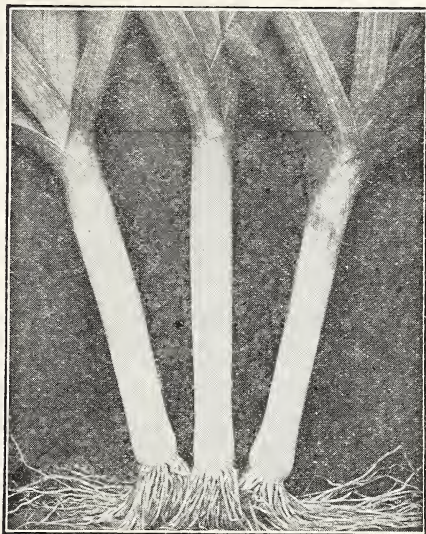
One ounce to 150 feet of drill.

May be grown at any season, but is more generally used late in the fall. Sow during May or June, in drills fourteen inches apart, and when well estab-

lished, thin to one foot apart. When nearly full grown, tie the outer leaves together over the center in order to blanch the heart of the plant.

GREEN CURLED. This is the hardiest variety, and very desirable for the home and market garden. The deep green leaves are beautifully cut and curled, easily blanched, and become very crisp, tender and fine flavored Pkt. Oz. .10 .25

BROAD LEAVED BATAVIAN. A variety having broad, more or less twisted and waved bright deep green leaves with thick, nearly white midribs. The inner leaves form a fairly solid, clustering head which blanches to a beautiful deep creamy white and is crisp and tender. This sort is unsurpassed for salads and is much used for the home garden and market Pkt. Oz. .10 .25



London Flag Leek

LEEK

One ounce of seed will sow 100 feet of drill.

Belongs to the onion family and by some preferred to that vegetable. Sow the seeds and care for the young plants same as for onions, but they need a little more room in order to develop fully. When the young plants are about the size of a goose-quill, transplant to a prepared bed in rows one foot apart and four or five inches in the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.

LONDON FLAG. It is the variety more cultivated in this country than any other. It is hardy and of good quality Pkt. Oz. ¼ lb. .10 .30 .90

LETTUCE

One ounce to 120 feet of drill.

Lettuce thrives best in rich, moist ground. Sow the seed in hotbeds in February or March, and transplant into a sheltered border with a southern exposure. For successive crops, sowings may be made in the open ground as early as the spring opens, and continuing until July.

Lettuce should always be transplanted in order to make it head well.

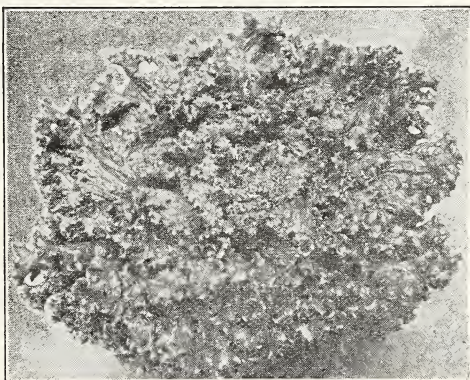
DANVERS MARKET. White seeded. A decided crisp oval-headed variety.

Leaves short with frilled edges. Very popular with the market gardener Pkt. Oz. ¼ lb. .10 .25 .65

EARLY TENNISBALL. Black seeded. A very popular sort for open ground culture; forms a handsome head and is crisp and tender Pkt. Oz. ¼ lb. .10 .25 .65

BOSTON CURLED. A variety of great beauty and of superior quality. Leaves beautifully curled; attractive on table Pkt. Oz. ¼ lb. .10 .25 .65

GRAND RAPIDS. Large and tender. Leaves are crumpled and do not make a solid head. Excellent for forcing Pkt. Oz. ¼ lb. .10 .30 .75



Grand Rapids Lettuce

IMPROVED HANSON. Forms very large, firm heads, which are deliciously sweet, crisp and tender; heads green outside and white within. For outdoor culture unexcelled Pkt. Oz. $\frac{1}{4}$ lb. .10 .25 .65

ICEBERG. A large, late, crisp cabbage-heading variety; heads very firm, hard and well blanchd; leaves unusually broad and quite blistered and crumpled, borders finely frilled; color medium green with faint brown tracing on the border; quality excellent 10 .35 1.00

NEW SENSATION. This remarkable variety has rapidly grown in popularity until it has become the leader among gardeners. No other lettuce thrives so well when grown at any season of the year, with-



White Paris Cos Lettuce

standing the hottest weather in a remarkable degree. It is a beautiful, light, yellowish green color, leaves much blistered on the surface, and has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled and is one of the easiest to grow 10 .30 .75

EARLY PRIZE HEAD. Forms a large, tender and crisp mass of leaves of superior flavor and very hardy. Slow to run to seed and does not become bitter as early as many other sorts 10 .25 .65

BIG BOSTON. This is a new, very large strain of White Tennisball or Boston Lettuce, excelling all other strains in size; of great value to market gardeners 10 .25 .65

WHITE PARIS COS. (Romaine.) Long, narrow, upright leaves. Grows to large size. Does not head, but when tied up blanches very readily 10 .30 .75

BLACK SEEDED SIMPSON. Heads very large with light colored leaves; leaves being almost white and beautifully curled. Stands summer heat splendidly and remains long fit for use 10 .25 .65

MELON—Musk

One ounce for 60 hills; 2 to 3 pounds to an acre.

Melons thrive best in a moderately enriched light soil; the hills should be six feet apart each way. After all danger of frost is past, plant 12 or 15 seeds in each hill, and when well up, thin out to three or four plants in each hill.

NUTMEG. Named from its shape; flesh green and sweet Pkt. Oz. $\frac{1}{4}$ lb. .10 .20 .60

LARGE, ROUND, YELLOW CANTALOUPE. Flesh reddish orange, sweet and of good flavor; an early and productive variety 10 .25 .70

MILLER'S CREAM. This is one of the finest all-round melons in existence. Flesh of a rich salmon color, very sweet and melting in quality 10 .20 .60

EXTRA EARLY HACKENSACK. A green-fleshed nutmeg of splendid quality. It is very early and a prolific bearer 10 .20 .60



Muskmelon

Extra Early Hackensack

**THOSE
EXTRA
ROOMS
• YOU •
NEED**



Johns-Manville
INSULATING BOARD



INSULATION AND WHAT IT MEANS

THERE is nothing new about insulation. You have examples of its use in your home. Your refrigerator is lined with insulation to prevent the heat from penetrating the box and melting the ice too rapidly. Your furnace and furnace pipes are insulated to stop heat from escaping and wasting fuel.

In building construction insulation means the use of a building material that will stop or retard the heat from passing through the walls and roof much more than ordinary materials. The heat resisting element in a material is the "dead air" contained in small confined spaces or cells in the material. "Dead air" means air that is still and not in circulation. It is these dead air cells that check the movement of heat and the more dead air pockets, the better the circulation.

The spruce fibres, from which J-M Insulating Board is made, contain millions of dead air cells and in its manufacture millions more are moulded into the board, giving this board its high insulating efficiency, which adds comfort to the home.

Since J-M Insulating Board is made entirely of wood fibres and is homogeneous, not laminated, it is durable and adds structural strength to the building.

This dual characteristic — insulation and greater structural strength — of J-M Insulating Board makes it the ideal insulating material for use in the home, old and new.

J-M INSULATING BOARD

comes in $\frac{1}{2}$ " and 1" thickness and in 4' width and 6', 7', 8', 9', 10' and 12' lengths. These sizes eliminate waste and unnecessary cutting.

Johns-Manville Plaster Lath, also $\frac{1}{2}$ " and 1" thick, comes in one size, 18" x 48". The edges of this board are ship lapped, to make tight, strong joints.

Write us for more information. We will be glad to tell you how you can change waste space into new, livable rooms economically with Johns-Manville Insulating Board.



R. B. DUNNING & CO.

Wholesale Distributors

Bangor, Maine

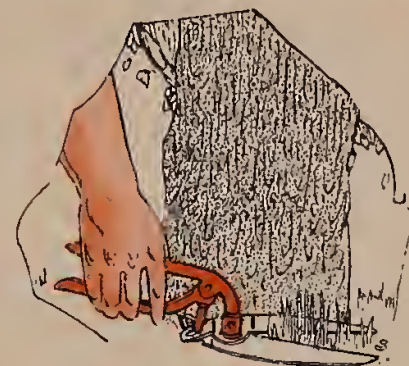
Phone 133

No More Blistered Hands!
No Skinned Knuckles
No Aching Fingers



The handy
GOODWIN

Keeps edge grass trimmed



in hard-to-get-at places

LAWN trimming, once a dreaded chore, has been robbed of all its unpleasantness. For GOODWIN Grass Shears are so comfortable, so easy to operate that the job is over in a jiffy—and it leaves no fatigue.

The natural up-and-down movement of the GOODWIN eliminates wrist-tire and finger-ache; their advanced design keeps blades flat on the ground with handles up and out of the grass, making it practically impossible to bark or skin the knuckles. Their comfortable handles, fitted to the hand, with corners rounded and heavily lacquered, prevent the raising of “a crop of blisters”. And their easy ball-bearing action eliminates fatigue.

GOODWIN Grass Shears are efficient. Rust-resisting blades, made of KNIFEBLADE Steel, heat-treated and ground to fine cutlery edges, snip course stalks and fine grass with equal ease. A tension adjustment is provided to adapt them to all cutting requirements and prevent binding or spreading of the blades. Bright orange handles make them easy to find in the grass.

Shaped to get into out-of-the-way corners without discomfort or inconvenience, GOODWIN Grass Shears really do a *better* job of trimming your lawn.

No. 10 \$1.75
BALL BEARING

The Famous 9 Points of SUPERIORITY

ACTION

- 1 Ball Bearing
- 2 Adjustable
- 3 Non-tiring

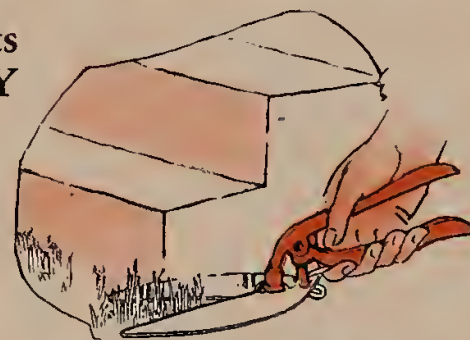
BLADES

- 4 Knifeblade Steel
- 5 Cutlery Edged
- 6 Rust-resisting
- 7 Non-binding

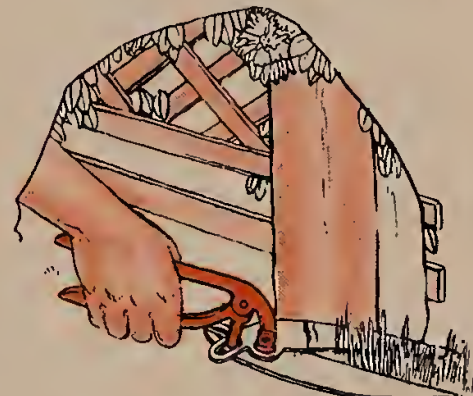
HANDLES

- 8 Comfortable
- 9 Brilliant Orange

Made by
WHEELER METAL PRODUCTS CORP.
 East Cleveland, Ohio



such as these, for instance,



without barking your knuckles



It's a
(PLEASURE)
to trim your
LAWN
with the comfortable

GOODWIN
GRASS SHEARS

The BALL
BEARING

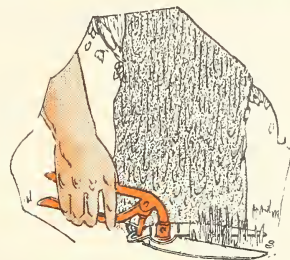
And for Smaller Hands—the GOODWIN Junior

No *More Blistered Hands!*
No *Skinned Knuckles*
No *Aching Fingers*



The handy
GOODWIN

Keeps edge grass trimmed



in hard-to-get-at places

LAWN trimming, once a dreaded chore, has been robbed of all its unpleasantness. For GOODWIN Grass Shears are so comfortable, so easy to operate that the job is over in a jiffy—and it leaves no fatigue.

The natural up-and-down movement of the GOODWIN eliminates wrist-tire and finger-ache; their advanced design keeps blades flat on the ground with handles up and out of the grass, making it practically impossible to bark or skin the knuckles. Their comfortable handles, fitted to the hand, with corners rounded and heavily lacquered, prevent the raising of “a crop of blisters”. And their easy ball-bearing action eliminates fatigue.

GOODWIN Grass Shears are efficient. Rust-resisting blades, made of KNIFEBLADE Steel, heat-treated and ground to fine cutlery edges, snip course stalks and fine grass with equal ease. A tension adjustment is provided to adapt them to all cutting requirements and prevent binding or spreading of the blades. Bright orange handles make them easy to find in the grass.

Shaped to get into out-of-the-way corners without discomfort or inconvenience, GOODWIN Grass Shears really do a *better* job of trimming your lawn.

No. 10 \$1.75
BALL BEARING

The Famous 9 Points of SUPERIORITY

ACTION

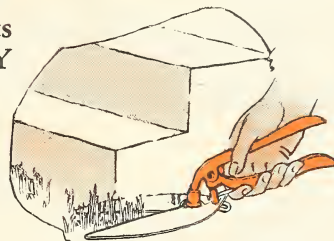
- 1 Ball Bearing
- 2 Adjustable
- 3 Non-tiring

BLADES

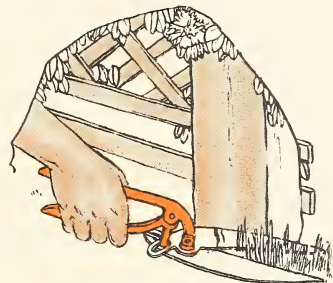
- 4 Knifeblade Steel
- 5 Cutlery Edged
- 6 Rust-resisting
- 7 Non-binding

HANDLES

- 8 Comfortable
- 9 Brilliant Orange



such as these, for instance,



without barking your knuckles

Made by
WHEELER METAL PRODUCTS CORP.
East Cleveland, Ohio

GOODWIN Junior *for small hands*



DESIGNED in a smaller size to fit smaller hands, the GOODWIN JUNIOR is nearly identical with the larger GOODWIN. Except for bronze bearings instead of ball-bearings, it offers every advantage of the larger size. The only other differences are size and price.

— FOR SALE BY —

R. B. DUNNING & CO.

Bangor, Maine

MELON—Water

One ounce for thirty hills; four to five pounds for an acre.

Plant in hills eight feet apart, and cultivate same as Musk Melon.

VICK'S EARLY. Productive, early and finely flavored; Pkt. Oz. $\frac{1}{4}$ lb.
red flesh10 .20 .60

MOUNTAIN SWEET. One of the best for general culture10 .20 .60

CITRON. The standard variety for preserves10 .20 .60



Citron Preserving Melon

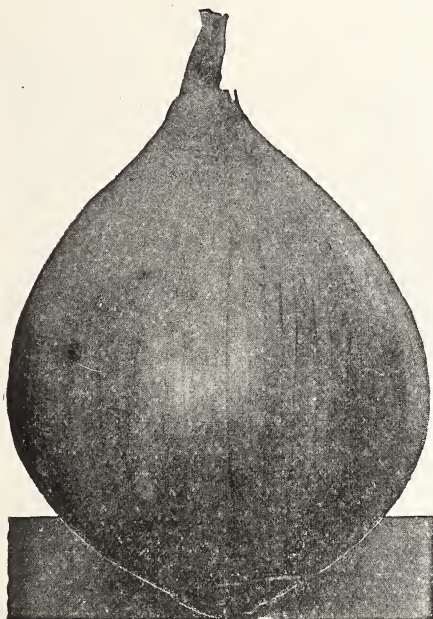
MUSTARD

One ounce to 100 feet of drill.

Sow thickly in rows at different times from May to July, and cut when about two inches high. Used as a salad or cut and boiled for greens. The seed is used for flavoring pickles, etc.

WHITE LONDON. The leaves are light green, mild and tender when young; seed Pkt. Oz. $\frac{1}{4}$ lb.
light yellow10 .20 .60

MUSTARD SEED for pickling — .10 .20

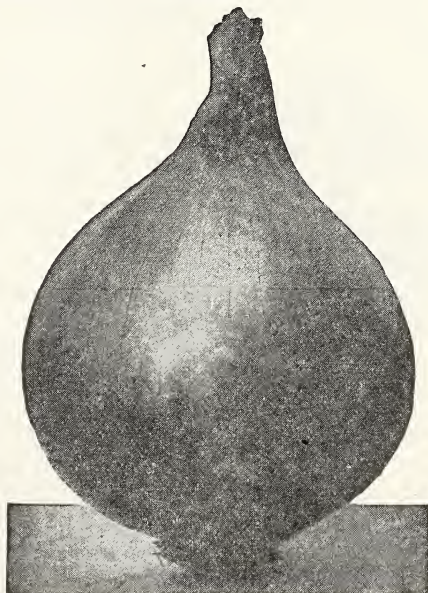


Extra Early Red Globe

ONION

One ounce to 100 feet of drill; five pounds to acre.

No vegetable is more extensively known and cultivated than the Onion. A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as early as possible in spring, no matter if the weather is cold and unpleasant. Sow in drills one foot apart and cover about one-third of an inch, treading or rolling, after sowing, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed.



Yellow Globe Danvers

	Pkt.	Oz.	$\frac{1}{4}$ lb.
LARGE RED WETHERSFIELD. Large size, productive and good keeper .....	.10	.40	1.25
EXTRA EARLY RED GLOBE. A very early variety of medium size and deep red color; an abundant producer and of good form and flavor, keeping well .....	.10	.40	1.25
YELLOW GLOBE DANVERS. The most profitable variety to raise, very productive, a good keeper, of mild flavor, and always meets with ready sale .....	.10	.40	1.25
AMERICAN SILVER SKIN. Flavor mild and pleasant. Skin silver white. Handsome in appearance. Highly esteemed for pickling when young, also for market in early winter .....	.10	.50	1.50
PRIZE TAKER. This is one of the best of the huge foreign varieties. When started under glass and transplanted into open ground, they bottom well, are nearly free from stiff neck, and when offered for sale always attract marked attention. The variety is without doubt the largest onion grown, samples under special culture sometimes weighing five pounds .....	.10	.40	1.25
YELLOW GLOBE DANVERS— <i>Extra Choice</i> . Maine Grown Seed. Is far superior to the western grown seed, it is much earlier and better adapted to our climate. Is sure to produce a good crop. The most profitable variety for the market gardener .....	.10	.50	1.50



Onion Sets should be planted near the surface as early in the spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop.

Onion Sets by mail add postage as shown on page 2.

	Per lb.	Per 8 lbs.
WHITE SETS .....	.35	2.00
POTATO ONION SETS .....	.35	2.00
YELLOW SETS .....	.30	1.75
JAPANESE SETS .....	.35	2.00

For larger quantities prices will be given on application.

PARSLEY

One ounce to 150 feet of drill.

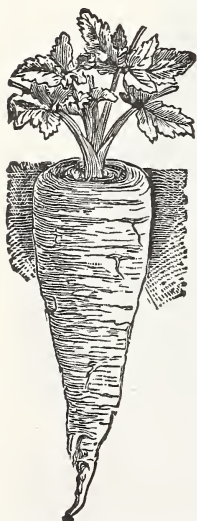
Parsley requires rich, mellow soil; sow thickly in drills, one foot apart, and half an inch deep. As the seed germinates slowly, it is best to soak it for a few hours in tepid water before sowing. For winter use, protect it in a glass frame or light cellar. Pkt. Oz. $\frac{1}{4}$ lb.

DOUBLE CURLED

PARSNIP

One ounce for 250 ft. of drill; 5 lbs. to acre.

Sow as early in the spring as the weather will admit, in drills 15 inches apart, covering half an inch deep; when well up thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.



Abbott's Improved
Parsnip



Double Curled Parsley

PARSNIP

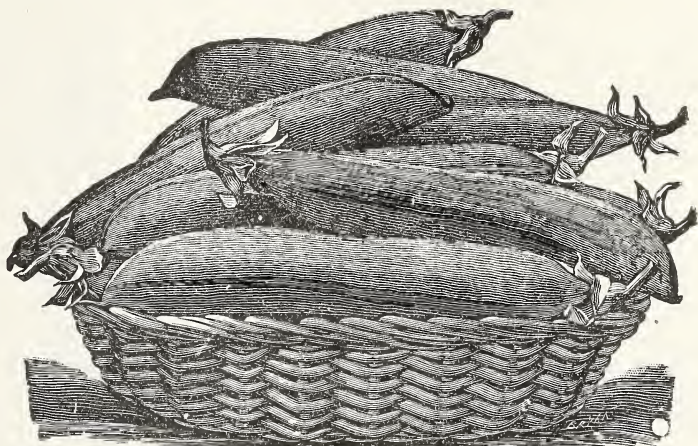
ABBOTT'S IMPROVED, OR LONG SMOOTH. Smooth and quite large; Pkt. Oz. $\frac{1}{4}$ lb. Lb.
 one of the best10 .20 .60 1.75

IMPROVED HOLLOW CROWN. Roots medium length with small tap
 root. Very smooth, with clear white skin. Fine grain flesh,
 of excellent sugary flavor and heavy cropper10 .20 .60 1.75

PEAS

*Two pounds to 80
 feet of drill; 100
 pounds to the acre.*

Peas for an early
 crop should be sown
 as soon as the
 ground is in work-
 ing condition. The
 soil for their recep-
 tion should be light,
 dry, and well shel-
 tered. Mild manure,
 such as leaf mould,
 has a beneficial ef-
 fect; but for many
 of the varieties, the
 soil cannot be too
 rich. For general
 crop the ground



Early Morn Peas

should be well manured the previous year, which causes them to yield more abundantly. When grown as a market crop, peas are never staked, and are sown in single rows two or three inches deep, and from two to three feet apart, according to the variety or strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush.

When ordering Peas sent by mail add to catalogue price for postage. See Parcel Post instructions, Page 2.

EXTRA EARLY VARIETIES

EARLY BIRD. A new variety, seed crinkled or semi-round, 57 days from
 planting to table. Grows about 15 inches high; large, dark, well-
 filled pods 11b. 21bs. 41lbs.
 .35 .60 3.50

WORLD'S RECORD. (*New.*) A popular large-podded, extra early wrinkled
 pea which matures a little earlier than the well-known Gradus. Its
 growth is very similar to that of Gradus, but somewhat more dwarfed
 and stouter; pods uniformly large, measuring from $4\frac{1}{2}$ to 5 inches,
 nearly round and packed with extra large, handsome peas of the
 finest flavor35 .60 3.50

EARLY MORN. (*New.*) This pea is a new variety, very similar in growth
 to Gradus, but a trifle earlier than either Gradus or Thomas Laxton.
 Very large pods of fine appearance and a good cropper. Excellent
 market garden variety for early use. Peas large and of excellent
 quality. It grows about three feet high and is very prolific35 .60 3.50

LAXTONIAN. (*New.*) One of the best dwarf wrinkled peas ever intro-
 duced. Equally desirable for the home or market garden. Pods about
 four inches long, resembling those of Gradus, but a little earlier.
 Vines very productive and vigorous; average height about 18 inches35 .60 3.50

SUTTON'S EXCELSIOR. A dwarf, early wrinkled variety, height about 15 inches; pods large and well filled; a very heavy yielder and of delicious flavor. In habit and growth it resembles the Nott's Excelsior, but is more prolific, and has larger pods. This is without doubt the best early, dwarf pea on the market

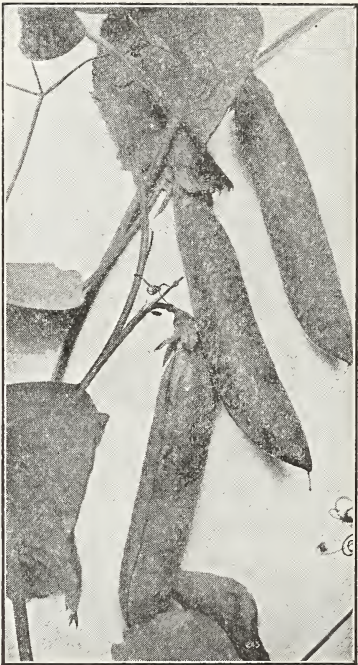
1lb.	2lbs.	14lbs.
.35	.60	3.50

GRADUS OR PROSPERITY. A new, very large, extra early variety of wrinkled pea. The most desirable sort for home and early market garden, large-podded and of splendid quality. The vines grow about three feet high, and are vigorous and hardy. The immense pods are as large as those of the Telephone, uniformly well shaped and handsome, and more attractive than those of other extra early varieties. The peas are very large, of splendid quality and beautiful color

.35	.60	3.50
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PETER PAN. One of the best of the early large podded, dwarf variety, 15 in. high. Very productive

.35	.60	3.50
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Laxtonian Peas



Nott's Excelsior Peas

THOMAS LAXTON. A new, early wrinkled variety of great merit. Vine three to three and one-half feet high, similar to that of Gradus, but darker in color, hardier and more productive. Pods large and long, similar to, but larger than those of the Champion of England, and as uniformly well filled. The green peas are very large, fine colored and unsurpassed in quality. This pea has only to be known to become one of the most popular sort for the market and home garden, as it is one of the very best varieties yet produced

1lb.	2lbs.	14lbs.
.35	.60	3.50

NOTT'S EXCELSIOR. One of the most valuable of all the wrinkled, dwarf peas. As early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. It grows a half taller than the American Wonder, and is a much heavier cropper

.35	.60	3.50
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BLISS' AMERICAN WONDER. One of the earliest and best known wrinkled, dwarf varieties, grows about nine inches high, and is covered with well filled pods 1lb. 2lbs. 14lbs.
 .35 .60 3.50

SECOND EARLY VARIETIES

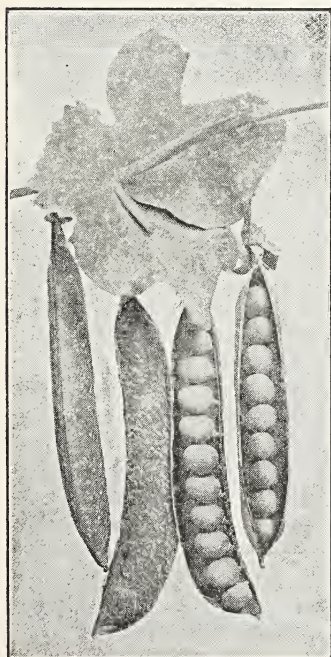
DWARF TELEPHONE. A new variety with dwarf vines, bearing large, handsome pods, with peas of highest quality, without the long vines of the Telephone and regular and uniform in growth. Height eighteen inches, stocky, healthy and vigorous, with almost no tendency to sport, and from five to seven days earlier than the Stratagem. Pods long, remarkably well filled, and of good lasting quality for market purposes. Peas of large size, tender and of delicious flavor35 .60 3.50

BLISS' EVERBEARING. Fine wrinkled marrow; pods three to four inches long, well filled with large peas; grows about two feet high35 .60 3.50

FOR GENERAL CROP

IMPROVED TELEPHONE. A great improvement on the Carter's Telephone, both for purity and uniformity, showing no tendency to small late pods. It grows to a height of about four feet with a strong, healthy vine, bearing extremely large dark green pods, which contain large peas of the very finest quality. For fancy market garden trade, it has no equal as it is not only very attractive in appearance, but of the finest quality35 .60 3.50

ADMIRAL DEWEY. A new variety, and is, without exception, the largest podded and best yielding pea yet introduced. The pods sometimes measure six inches and are very plump and well filled with eleven to twelve very tender, large peas of excellent flavor. The foliage, vine and pod are of a dark, rich green; and are remarkably vigorous and healthy; height about three and one-half feet35 .60 3.50



Nitragin—the original soil inoculator. For profitable results, agricultural colleges advise inoculation of all legume seed, because it pays well in producing larger quality yields. Fresh high count Nitragin containing billions of Nitragin gathering germs build up the soil, costs less than others—is cheapest crop insurance.

For Peas and Beans

$\frac{1}{4}$ bu. size	.40	1 bu. size	1.00
$\frac{1}{2}$ bu. size	.60	Garden size	.25

Postpaid

Admiral Dewey Peas

All prices quoted in this catalogue subject to change without notice.

*Duke of Albany Peas*

ALDERMAN. One of the most satisfactory varieties for main crop. Pods long and well filled with large, deep green peas of fine quality

	1lb.	2lbs.	14lbs.
	.35	.60	3.50

DUKE OF ALBANY, OR AMERICAN CHAMPION. One of the best large podded late varieties. Very prolific. The vines are strong and vigorous, growing to the height of four feet, the pods are large, dark green and well filled with large, tender peas of delicious flavor

	.35	.60	3.50
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CHAMPION OF ENGLAND. Universally admitted to be one of the richest and best flavored peas grown; grows five feet high

	.35	.60	3.50
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DWARF CHAMPION. Has all the good qualities of the Champion of England, but does not grow so high; grows about two and one-half feet high

	.35	.60	3.50
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EDIBLE PODDED VARIETIES

MAMMOTH MELTING SUGAR. (Edible Pods). Pods very large, broad and slightly curved, or twisted. Very sweet, brittle and tender, having none of the tough inner lining found in the ordinary varieties of garden peas. They are used same as snap or string beans. Height about four feet

	.35	.60	3.50
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FIELD VARIETIES

WHITE MARROWFAT. One of the best late varieties; very productive

	1lb.	15lbs.	100lbs.
	.20	2.50	15.00

BLACK-EYED MARROWFAT. Excellent, hardy, productive field pea

	.20	2.50	15.00
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CANADA FIELD. Extensively used for field culture

	.10	1.40	8.00
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PEPPER

One ounce will produce 1500 plants.

Grown largely for pickles. Sow in the hot-bed early in April, and transplant into the open ground when the weather is favorable.

*Bell Pepper*

All prices quoted in this catalogue subject to change without notice.

The plants should be set in warm, mellow soil, in rows eighteen inches apart. The seed may also be sown in the open ground, when danger from frost is past, and the soil is dry and warm. Cultivate in the usual manner and the crop will be fit for use early in September.

LARGE BELL. Large and of mild flavor	Pkt. Oz.
	.10 .60

SEED POTATOES

Prices on Seed Potatoes quoted on application.



Harmony Beauty Potato

bler is one of the best of all early potatoes Write for prices

IRISH COBBLER. We have found this potato to be one of the most reliable, extra early potatoes. In ripening it seems to be more uniform than any other sort. Every hill seems to ripen at the same time. The potatoes in form are oval and round. They grow very smooth, cream white, with few and shallow eyes. The quality for early table use is not excelled by any early variety. It keeps perfectly through the winter until planting time in the spring and it is never out of season for the table. Considering its earliness, yield, fine quality and handsome appearance, Irish Cobbler is one of the best of all early potatoes Write for prices

HARMONY BEAUTY. This potato originated from the seed of a potato ball in Somerset County, Maine. It is the favorite market potato of Bangor, having the preference over all other varieties wherever once used, and conceded by growers and consumers to be the best potato grown. It always brings a better price than any other in our market. It is a prolific cropper and remarkably free from rot, and about two weeks earlier than the Early Rose. In appearance it has a russet pinkish skin, a little lighter in color than the Early Rose, and is of more oval shape. Flesh white and mealy Write for prices

GREEN MOUNTAIN. A late variety of flat, oval form; white-skinned, very smooth and handsome. One of the best yielders, free from blight and rot, keeps well, and is never out of season for the table Write for prices

GOLD COIN. A very hardy, all-around general crop potato. White-skinned with slight russet appearance, flesh white and mealy. In form it is very regular, of a round, oval shape. As a table potato it cannot be excelled. Its yielding qualities are exceptionally large, being one of the heaviest croppers we have ever grown. We consider this potato to be the best all-around potato for general crop in cultivation Write for prices

EGGPLANT

One ounce will produce about 1000 plants.

It will grow well in any good garden soil. Sow early in March in hotbeds, and when 2 or 3 inches high, transplant to pots or beds—2 ft. apart in the rows, and 3 ft. between rows. Eggplants are very tender and will not stand frost.

NEW YORK IMPROVED LARGE PURPLE. A leading market variety. The fruit Pkt. Oz. is large, dark purple and of fine quality. It is an excellent keeper10 .65

PUMPKIN

One pound will plant two hundred and fifty hills.

Chiefly used for agricultural purposes. Same cultivation as for cucumbers and melons.

CONNECTICUT FIELD.

Large size, good for	Pkt.	Oz.	¼ lb.	Lb.
cooking10	.20	.50	1.30

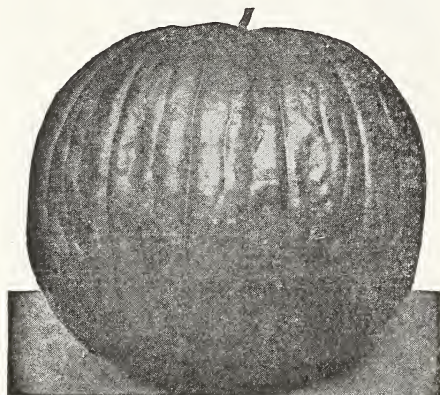
SUGAR OR NEW ENGLAND PIE. Fine-grained, sweet and

prolific10	.20	.50	1.50
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KING OF THE MAMMOTHS. The giant

among pumpkins; specimens have been

grown to weigh 250 pounds and reaching two feet or more in diameter; fruit round and flattened, slightly ribbed; skin salmon-orange, flesh bright yellow and very thick10	.20	.50	1.50
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Connecticut Field Pumpkin

RADISH

One ounce to one hundred feet of drill.

Radishes thrive best in a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of March until September at intervals of two or three weeks. For an early supply they may be sown in a hotbed in February.



Crimson Giant Radish

WHITE PEARL RADISH. Seventeen days from planting to the table.

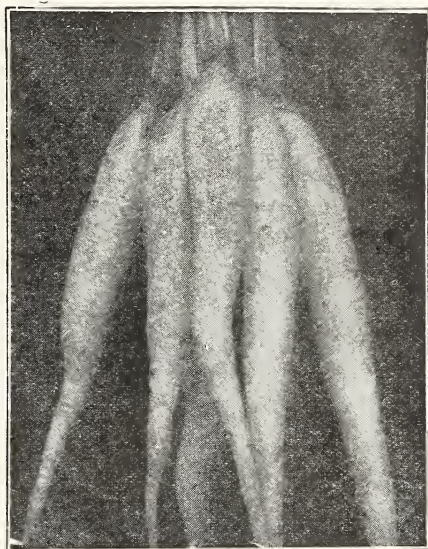
The quickest on record. Pearly white, globe shaped, small top; quality unparalleled; very sweet, tender and crisp. Equally adapted for forcing or growing out of doors	Pkt.	Oz.	¼ lb.	Lb.
	.10	.25	.75	2.25

CRIMSON GIANT RADISH. Rich crimson color, flesh white and solid, and of a mild and delicious flavor. Grows to a large size without becoming pithy. Excellent for forcing

.10	.20	.50	1.50
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LADY FINGER. Long, slender, and of a beautiful snow white. It is of rapid growth, remarkably crisp, brittle and tender. Quality desirable for the market or home garden

Pkt.	Oz.	¼ lb.	Lb.
.10	.20	.50	1.50

*Lady Finger Radish*

VICK'S EARLY SCARLET GLOBE RADISH. This is a slightly olive-shaped variety of a rich, bright scarlet color, with white, tender flesh. It is fit to pull as early as any known variety and is especially recommended to market gardeners, whose market demands a large, first, early forcing variety

Pkt.	Oz.	¼ lb.	Lb.
.10	.20	.50	1.50

	Pkt.	Oz.	¼ lb.	Lb.
EARLY SCARLET TURNIP. Round, scarlet, small, mild and crisp10	.20	.50	1.50

ICICLE. Pure white, quick-growing variety10	.20	.50	1.50
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ROUND BLACK SPANISH. Round or top-shaped; grows 3 or 4 inches in diameter; skin black, flesh white. Where a round black radish is in demand this is the most desirable variety	Pkt.	Oz.	¼ lb.	Lb.
to grow. A good winter keeper .....	.10	.20	.50	1.50

FRENCH BREAKFAST. A favorite oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing10	.20	.50	1.50
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SALSIFY OR VEGETABLE OYSTER

One ounce will sow fifty feet of drill.

A very delicate and nutritious vegetable, especially esteemed for its peculiar oyster flavor. Sow the seed early in spring, in drills twelve inches apart and one inch deep, thinning out the young plants to six inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring.

MAMMOTH SANDWICH ISLAND. Tender and delicious,	Pkt.	Oz.	¼ lb.
very superior .....	.10	.30	1.00

*Salsify*



Long Standing Spinach

SPINACH

One ounce to 100 feet of drill.

Sow in early spring, in drills a foot apart, every two weeks for a succession; and as it grows, thin out for use. For fall use, sow in August, and for winter crop in September.

Cover that which is left out over winter with straw or leaves, after the weather becomes quite cold.

VICTORIA. A new variety with very thick, dark green leaves, which spread out flat on the ground. It is a long-standing variety and very hardy Pkt. Oz. $\frac{1}{4}$ lb. Lb.
 .10 .15 .30 .75

KING OF DENMARK. A fine long season Spinach, remaining longer than most varieties before bolting to seed. Plant vigorous and spreading; leaves large, rounded, crumpled and blistered, deep green in color..... Pkt. Oz. $\frac{1}{4}$ lb. Lb.
 .10 .15 .30 .75

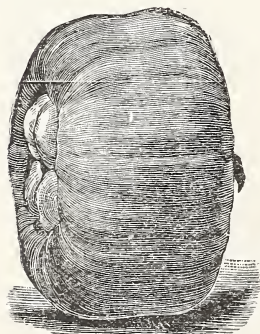
LONG STANDING. An improved round-seeded strain of excellent merit, having all the good qualities of the ordinary sorts, and slow to shoot to seed. The leaves are smooth and very dark, rich green. Very popular with market gardeners.. Pkt. Oz. $\frac{1}{4}$ lb. Lb.
 .10 .15 .30 .75

BLOOMSDALE OR SAVOY LEAVED. Has thick, glossy, dark green leaves of medium size. It is very early and is especially recommended for either the home garden or market gardeners Pkt. Oz. $\frac{1}{4}$ lb. Lb.
 .10 .15 .30 .75



Bloomsdale Spinach

NEW ZEALAND. This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities, where the ordinary Spinach does badly. Has a luxuriant growth of succulent leaves which can be cut through the entire summer Pkt. Oz. $\frac{1}{4}$ lb. Lb.
 .10 .15 .35 1.00



Turban Squash

SQUASH

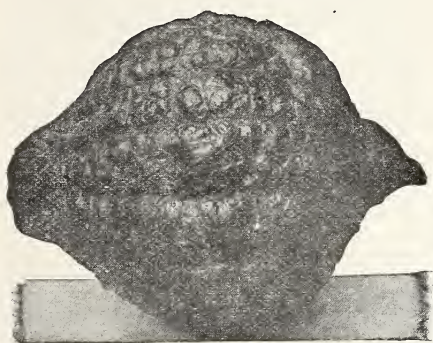
One ounce of summer varieties will sow forty hills; one ounce of winter varieties will sow fifteen hills; four pounds per acre.

Any good, rich soil is adapted to the growth of the Squash. They only thrive well in a warm temperature, as all the varieties are tender annuals; and the seed should not be sown in spring until all danger from the frost is past, and the ground is warm and thoroughly settled. The hills for bush varieties should be about six feet apart, for running sorts, ten feet. Leave two plants to a hill and keep covered in the early stages with plaster.

	Pkt.	Oz.	¼ lb.	Lb.
GIANT SUMMER CROCKNECK. Early, productive and of good quality; fruit bright yellow .....	.10	.20	.60	1.75
WHITE BUSH SCALLOPED. An early flat, scalloped shaped variety; very productive .....	.10	.20	.60	1.75
HUBBARD. One of the most desirable varieties in cultivation; color, dark green; flesh, bright orange-yellow; fine-grained, very dry, sweet and rich-flavored; keeps perfectly good throughout the winter .....	.10	.20	.60	1.75
GOLDEN HUBBARD. One of the best for the home garden; the fruit is of the same shape as the Green Hubbard, but a little smaller in size. They are earlier in season, but keep in fine condition through the winter. The skin is bright deep orange-yellow, very attractive in appearance. Flesh a deep, golden yellow, fine-grained, cooks very dry and has a rich flavor .....	.10	.20	.60	1.75

BLUE HUBBARD. A sport from the well-known Hubbard, though resembling the Warty Hubbard, and excelling it in flavor and dryness. The fruit is gray-blue in color, grows very large, and is an exceedingly heavy cropper, being even more productive than any other strain of Hubbard. The shell is extremely hard and is an exceptionally good keeper. The meat is thick, fine-grained, dry and very sweet

	.10	.25	.75	2.25
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Warty Hubbard Squash

WARTED HUBBARD. An improvement over the old-fashioned Hubbard, same shape, large size, dark green, almost black, distinguished by a dense covering of knots which justifies the name of "warted." Very thick flesh, first-class quality, and a good keeper10	.25	.75	2.00
AMERICAN TURBAN. Early fall variety; orange-yellow flesh of good flavor .....	.10	.25	.75	2.00
MAMMOTH CHILL. Grown for exhibition and stock feeding; specimens have been grown to weigh upwards of 150 pounds; fruit oblong, skin quite smooth but with broad open netting and rich orange-yellow color .....	.10	.20	.60	1.75
BOSTON MARROW. A fall and winter variety; very popular in the Boston market; of oval form; skin thin; when ripe, bright orange; an excellent keeper and of superior quality .....	.10	.20	.60	1.75
EARLY PROLIFIC MARROW. Earlier than the Boston Marrow. Very productive and grows to weigh from seven to twenty pounds. Its color is most attractive, a brilliant orange-red. Quality excellent when mature, and a good keeper.	Pkt.	Oz.	¼ lb.	Lb.
	.10	.20	.60	1.75

DELICIOUS. A new variety of winter squash. Color of skin is green, with an occasional blue specimen. About the same size as the Hubbard. Flesh very thick and of a dark orange color, very fine grain, exceedingly rich and of elegant flavor. Can be used for fall or winter use, does not acquire its best qualities until winter. It is without question the sweetest and richest flavored squash grown.

Pkt.	Oz.	¼ lb.	Lb.
.10	.20	.60	1.75



Delicious Squash

SUNFLOWER

	Pkt.	Oz.	Lb.
LARGE RUSSIAN .....	.10	.15	.25

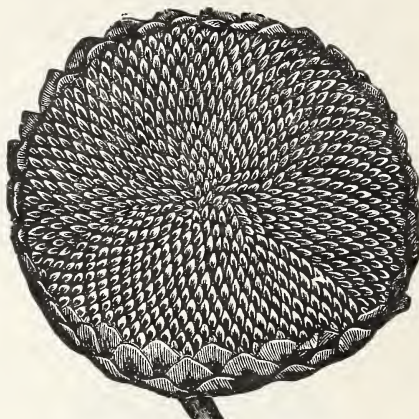
Prices on Sunflower in larger quantities quoted on application.

TOBACCO SEED

CONNECTICUT SEED LEAF.

Best adapted to the climate of the northern states, as it is more hardy and endures the cold better than the tender varieties grown south

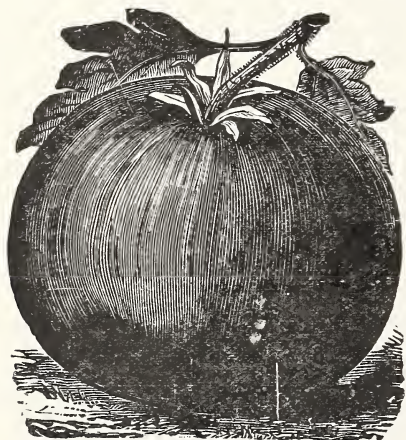
Pkt.	Oz.	¼ lb.
.10	.35	1.25



Large Russian Sunflower

TOMATO

One ounce will produce fifteen hundred plants. This vegetable is one of the most important of all garden products. They thrive best in a warm, light, rich soil. For early plants, sow about the first week in March in a hotbed; or in boxes or pots in a warm window. When the plants are about two inches high, set out in boxes, three inches deep, four inches apart, in the same temperature, or pot singly. If again transplanted before setting out, the plants will be still more stocky. Set out in the open ground about the first of June, four feet apart, each way, using a shovelful of rotted manure in each hill. Keep well sheltered and watered until they are established, after which let the fruit have plenty of sun.



Sparks' Earliana Tomato

SPARKS' EARLIANA. A new variety and the earliest large tomato yet introduced. It is of handsome shape and beautiful red color. The flesh is very firm and solid and of excellent quality. A good cropper, making it one of the best for the market and home garden

Pkt.	Oz.	¼ lb.
.10	.40	1.25

CHALK'S EARLY JEWEL. An exceptionally fine early variety, about ten days later than Earliana. Fruit smooth, round and solid. A bright

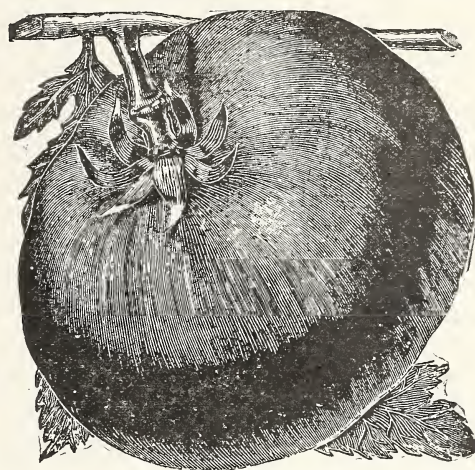
.10	.40	1.25
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LIVINGSTON'S BEAUTY. Color very glossy crimson; grows in clusters of four or five fruits; large and solid

.10	.40	1.25
-----	-----	------

JOHN BAER. An early, productive tomato. On the order of Chalk's Early Jewel. Large, nearly round, clear red

.10	.50	1.50
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*Bonny Best Tomato**Crimson Cushion Tomato*

BONNY BEST. An extra early Tomato of a vigorous growth, and very prolific. Fruit of uniform size, solid, smooth, fine flavor and a bright scarlet color. One of the very best extra early varieties Pkt. Oz. $\frac{1}{4}$ lb.
.10 .40 1.25

CRIMSON CUSHION. For so large a tomato it is very early, very smooth, of a bright, scarlet crimson. Ripens almost completely to the stem end. The flesh is so firm and solid that it requires four times the quantity to produce a pound of seed that it does of ordinary sorts. Without doubt the most prolific of any variety yet brought out. A grand tomato for slicing or canning10 .50 1.50

PONDEROSA. A very large variety, purple in color. Considered to be one of the best for home use. Fruit very solid with few seeds, and of excellent flavor10 .50 1.50

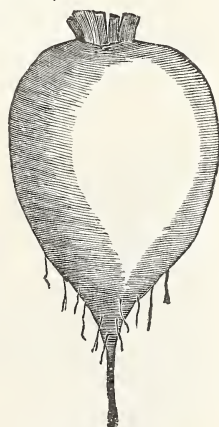
DWARF CHAMPION. This is an early variety, which forms very stout, strong plants, about two feet high. The branches are short, making a bushy plant that stands quite erect, without stakes. Fruit smooth, medium sized, fairly solid, but has no hard core, and is of good flavor10 .40 1.25

NEW STONE. Of a bright, scarlet color. Very large and very smooth; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed (as its name indicates); is an excellent shipper; quality the very best; a good keeper; without hard core and not subject to rot. A great yielder Pkt. Oz. $\frac{1}{4}$ lb.
.10 .40 1.25

TURNIP

One ounce to 150 ft. of drill; one to two lbs. in drills for an acre.

Turnips do best in highly enriched, light, sandy or gravelly soil; sow the earliest varieties as soon as the ground can be worked in the spring, in drills twelve to eighteen inches apart. For a continuous supply through the season, sowing should be made every two weeks until the last of July; from which time until the middle of August the principal sowings are made for the fall and winter use. Swedish or Ruta Bega Turnips are largely grown for a farm crop as well as for the table; make sowings from the tenth of June until the first of July, in drills two to three feet apart, and the plants when well up should be thinned to ten inches apart. To keep the roots fresh during the winter they may be placed in a cool, dry cellar, buried in dry sand.

*White Egg Turnip*



Purple Top Strap Leaf Turnip

it has a very delicate flavor, but should be used before it gets to extreme large growth

GOLDEN BALL OR ORANGE JELLY. A rapid grower of excellent flavor; bright yellow, good keeper, and a superior table variety Pkt. Oz. ¼ lb. Lb. .10 .15 .40 1.25

PURPLE TOP STRAP LEAF. Best variety for main crop; equally good for spring or fall sowings; white flesh .10 .15 .40 1.25

WHITE EGG. Oval, early, handsome and sweet10 .15 .40 1.25

COW HORN. This variety is pure white, except a little shade of green at the top, and is carrot-like in form, growing about half out of the ground. An exceptional heavy yielder of very rapid growth and is very popular for field culture for feeding stock. As a table variety,

Pkt. Oz. ¼ lb. Lb. .10 .15 .40 1.25

RUTA BAGA OR SWEDE

TURNIP

CARTER'S IMPERIAL SWEDE.

A most excellent sort for either table use or feeding stock. Flesh yellow, solid, sweet and rich. Purple top, hardy and heavy yielder

Pkt. Oz. ¼ lb. Lb. .10 .15 .40 1.00

AMERICAN PURPLE TOP. Flesh solid, yellow, sweet, and of fine flavor. Excellent keeper for winter use

.10 .15 .40 1.00

SKIRVING'S PURPLE TOP. A very popular variety. Large, yellow, firm flesh, sweet, and a good keeper

.10 .15 .40 1.00



Carter's Imperial Swede Ruta Baga

HERB SEEDS



Sage

Pkt.
Balm10
Dill10
Sage10



Sweet Marjoram

Pkt.
Summer Savory..... .10
Sweet Marjoram .10



Summer Savory

FLOWER SEEDS

NASTURTIUM—Tall

Elegant, profuse flowering plants for verandas, trellises, etc. The seed pods can be gathered, while green and tender, for pickling. Hardy annuals.



Dwarf Nasturtium

TALL MIXED. Fine colors. Very choice mixture.

Pkt. .10, oz. .20, 2 oz. .30, ¼ lb. .50, lb. \$1.50

NASTURTIUM—Dwarf

The dwarf varieties are among our most popular plants, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing and ribboning, doing well even in poor soil. Hardy annuals, one foot.

DWARF, *Mixed*. Fine colors. Very choice mixture.

Pkt. .10, oz. .20, 2 oz. .30, ¼ lb. .50, lb. \$1.50

SWEET PEAS

Very lovely, beautiful, fragrant, free blooming, climbing plants. Sweet peas are grown very extensively by florists and gardeners for cut flowers, and when placed in water will last many days, and their sweet perfume delights many.

Supported by common pea sticks, they form admirable screens for protecting tender plants and excluding unsightly objects. They are invaluable for trailing and trellis work and covering fences, etc.

The more the flowers are cut the more freely they will bloom.

GRANDIFLORA VARIETIES

	Pkt.	Oz.
BLANCH FERRY. A large variety with pink standard and wings white suffused with pale pink .....	.10	.15
DOROTHY ECKFORD. Pure white, large flowered, very fine .....	.10	.15
KING EDWARD VII. A bright crimson scarlet, large size .....	.10	.15
LADY GRISEL HAMILTON. The largest and lightest shade of the lavender varieties, very fine .....	.10	.15
LORD NELSON. Deep rich dark navy blue, large flowers .....	.10	.15
PRIMA DONNA. Clear, soft pink, large size .....	.10	.15

DUNNING'S CHOICE MIXTURE

Grandiflora Varieties Sweet Peas

This mixture is made up of the choice new and standard varieties. The flowers being of the largest types and so combined as to give the most pleasing harmony of colors.

Price per pkt., 10 cts.; per oz., 15 cts.; per ¼ lb., 40 cts.; per lb., \$1.25

All prices quoted in this catalogue subject to change without notice.



SPENCER VARIETIES

SWEET PEAS

ASTA OHN. Lavender, tinted mauve, very large and wavy	Pkt. .10	Oz. .25
CLARA CURTIS. Very large, wavy; cream or light primrose .....	.10	.25
CONSTANCE OLIVER. Standard peach-blossom pink, wings bright rose; flowers very large, much waved .....	.10	.25
COUNTESS SPENCER. Large, rose pink. A beautiful waved variety .....	.10	.25
ELFRIDA PEARSON. Extra large, waved blush pink .....	.10	.25
GEORGE HEBERT. Very large; waved; carmine-rose .....	.10	.25
KING EDWARD SPENCER. Most beautiful and richest of all the red shades. Large, beautiful waved flower of a bright crimson .....	.10	.25
MARGARET MADISON. Standard blush-violet, wings lavender-blue; flowers large and waved .....	.10	.25
NUBIAN. Deep maroon; flowers large and waved .....	.10	.25
THOMAS STEVENSON. Rich orange scarlet; very large waved flowers .....	.10	.25
WHITE SPENCER. Very large, pure white flowers, waved and fragrant .....	.10	.25



DUNNING'S SUPERIOR MIXTURE

Spencer Varieties Sweet Peas

This mixture contains the very best varieties of *Spencer Sweet Peas*. The colors are selected from true Spencer Types only, and vary from the most delicate colors to the dark, rich shades. This mixture cannot fail to give perfect satisfaction.

Price per pkt., 10 cts.; per oz., 25 cts.; per $\frac{1}{4}$ lb., 75 cts.; per lb., \$2.50

All prices quoted in this catalogue subject to change without notice.

FLOWER SEEDS

For best results, flowering plants should be grown in a rich, sandy loam. Do not cover too deeply. A general rule is to cover from $\frac{1}{4}$ to $\frac{1}{2}$ inch, but for the very fine seeds, the best results are obtained by merely pressing them into the earth, and sprinkling them lightly with loose earth to prevent seed drying up. In dry weather, they should be sprinkled frequently.

All Flower Seeds sent Postpaid on receipt of price.

ANNUALS

	Per Pkt.
ASTERS—QUEEN OF THE MARKET. Very early, many beautiful colors mixed .....	.10
GIANT COMET. These make grand display, flowers beautifully twisted and curled.	
Mixed .....	.10
CREGO. Comet type, long, curled petals, very fluffy. Mixed .....	.10
Crimson .....	.10
Lavender .....	.10
Pink .....	.10
White .....	.10
ALYSSUM. Sweet scented, white flowers .....	.10
BACHELOR'S BUTTON. A showy, hardy annual. Finest mixed .....	.10
BALSAM (Mixed). Most magnificent, $1\frac{1}{2}$ to 2 ft. high .....	.10
CALENDULA. (Pot Marigold). Mixed .....	.10
CALLIOPSIS. Very showy—mixed colors .....	.10
CANDYTUFF. Pure white .....	.10
CANDYTUFF. Finest mixed colors .....	.10
CANTERBURY BELLS. Cup and Saucer. Mixed perennial .....	.10
CARNATIONS. Very showy and sweet scented .....	.10
COSMOS. Free blooming, flowers excellent for cutting. Finest mixed .....	.10
EVERLASTING. A hardy annual, very ornamental in the garden, and very desirable for winter bouquets, as they will retain their form and color for years if gathered and dried when first open .....	.10
FORGET-ME-NOT. Sky Blue .....	.10
GAILLARDIA. Beautiful annual, large flowers, blooms until frost. Finest mixed .....	.10
HOLLYHOCKS. Single, mixed. (Perennial) .....	.10
HOLLYHOCKS. Double, mixed. (Perennial) .....	.10
LARKSPUR. Annual of great beauty—mixed .....	.10
MARIGOLD (African). Large flowers—mixed .....	.10
MARIGOLD (French). Free flowering—mixed .....	.10
MIGNONETTE. Sweet, large flowered .....	.10
MORNING GLORY. Mixed (annual) .....	.10
PANSY. Large flowered. Finest mixed .....	.10
PETUNIA. Great variety—colors mixed .....	.10
PHLOX (Drummondii). Flowers of great beauty. Their long duration of bloom and rich color are admired by all. Choice mixed colors .....	.10
POPPY (California). Much admired .....	.10
POPPY (double). Choice mixed .....	.10
POPPY (Shirley). Beautiful shades mixed .....	.10
PORTULACA. Very popular—single, mixed .....	.10
SALPIGLOSSIS. Very beautiful—mixed .....	.10
SALVIA (Scarlet Sage). Old favorite .....	.10
SNAP DRAGON. Mixed (annual) .....	.10
STOCKS. Early, large flowering—mixed .....	.10
SWEET WILLIAM. Showy Perennial. Mixed .....	.10
VERBENA. Always popular—mixed .....	.10
ZINNIA (Giant). Always very popular—mixed .....	.10

All prices quoted in this catalogue subject to change without notice.

VEGETABLE PLANTS AND ROOTS

ASPARAGUS ROOTS. Strong, two-year-old roots, per doz., 40 cts., per 100, \$2.50

Cabbage Plants

Early Summer varieties ready May 15th
For Winter crop ready June 15th

Early Summer

Early Jersey Wakefield

Fottler's Brunswick

All seasons

Danish Ball Head

Copenhagen Market

Premium Flat Dutch

Stone-Mason Drumhead

Put up in bunches of 25, 50 and 100

Cauliflower Plants

Ready June 1st

Early Favorite

Henderson's Early Snowball

Put up in bunches of 12, 25 and 100

Celery Plants

Ready June 1st

Boston Market

Golden Self-Bleaching

White Plume

Put up in bunches of 25, 50 and 100

Pepper Plants

Ready June 1st

Large Bell or Bull Nose

Tomato Plants

Ready May 20th

Spark's Earliana

New Stone

Early Freedom

Dwarf Champion

Crimson Cushion

Livingston's Beauty

Put up one dozen in a box and in bunches of 12, 25, 50 and 100

Horse Radish Sets

Strong, healthy cuttings 30 cts. per dozen

Rhubarb Roots

Linnaeus, two-year-old roots 25 cts. each; \$2.50 per dozen

Bedding Plants—Seedlings

Ready June 1st

Asters

English Daisies

Pansies

Pinks

Snap Dragon

Dianthus Pinks

Ten Weeks' Stocks

Verbena

Zinnias

Forget-me-not

Geraniums

Choice mixed varieties, from 2½- and 3-inch pots. Write for prices on plants listed on this page not priced.

All plants on this page shipped at owner's risk. Our responsibility ceases on delivery to the Express or Railroad Company. No plants will be shipped on Saturday.

Plants sent by Express or Freight only.

USE SHEEPS HEAD BRAND PULVERIZED SHEEP MANURE

In your Flower Beds and Vegetable Garden. A natural, high-grade, properly balanced, complete fertilizer—odorless. See page 52



Single Hyacinth

Prices on application.

DUTCH BULBS

AUTUMN PLANTING

For Winter and Spring Blooms

Ready for shipment about September 1st

Garden Culture. Bulbs may be planted from the first of October up to the time the ground freezes, in any good, well drained, garden soil, which has previously been well enriched and dug to a depth of from 12 to 15 inches. Before the ground freezes, cover the beds with material such as leaves, straw, boughs, etc., to a depth of 4 inches. Do not uncover too early in the Spring.

HYACINTHS

One of the most popular bulbs for effective beds outdoors, or grown in the house in pots. Bulbs should be set 6 inches apart and 6 inches deep.

SINGLE VARIETIES

Better adapted, and much more satisfactory, for outdoor bedding, than the double varieties.

GERTRUDE, brilliant rosy-red.

ROI DEO BELGES, bright dark red.

GENERAL VETTER, bluish white.

KING OF THE BLUES, dark blue.

QUEEN OF THE BLUES, light blue.

KING OF THE YELLOWS, dark yellow.

L'INNOCENCE, pure white.

LORD BALFOUR, lilac-violet.

GRAND MAITRE, lavender.

HOFGARTNER KUNERT, light pink.

Prices on application.

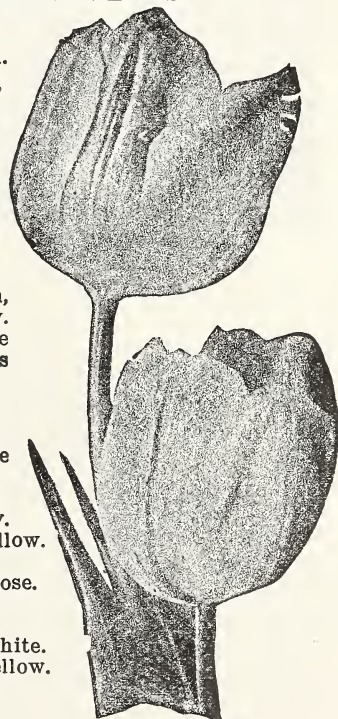
DOUBLE VARIETIES

KOH-I-NOOR, rosy-red.

LA TOUR D'AUVERGNE,
pure white.

BLOKSBERG, light
blue.

CHESTNUT FLOWER,
fine rose color.



Single Tulip

TULIPS

No other flower exceeds the Tulip in beauty of form, brilliancy of color, effective bedding and gorgeous show. They are equally as desirable for bedding, or pot culture indoor. Bulbs should be set 6 inches apart and 4½ inches deep.

SINGLE VARIETIES

Much more satisfactory for outdoor bedding than the double varieties.

ARTUS, scarlet. DUC DE BERLIN, brilliant red and yellow.

CARDINAL'S HAT, brown red. YELLOW PRINCE, bright yellow.

ROSE GRISDELIN, bright pink. GOLDFINCH, bright yellow.

LA REINE, pure white. COTTAGEMAI, white and rose.

DOUBLE VARIETIES

GLORIA SOLIS, brown and yellow. ALBA MAXIMA, pure white.

RUBRA MAXIMA, dark red. DUKE OF LEICESTER, yellow.

MURILLO, light rose.

Prices on application.

DARWIN TULIPS

BARONNE DE LA TONNAYE, rosy carmine
LOUIS LENGART, brilliant dark purple

FEN D'ARTIFICE, brilliant purple red
MARGARET, rose lilac. MEDUSA, salmon orange-red

Prices on application

PERENNIAL PLANTS AND ROOTS

Assorted Colors for either Spring or Fall Planting

Achilles
Baby's Breath
Foxglove
Garden Heliotrope
Gaillardia
Sweet William
Veronica

PRICE

15c ea. \$1.50 doz.

Canterbury Bells
Columbine
Hollyhocks
Iris
Larkspur
London Pride
Lupines
Oriental Poppy
Persian Daisy

25c ea. \$2.50 doz.

PEONIES
Strong Roots of Choice
Named Varieties
Pink, Red and White
75c each

PILOX
Pink, Red, White and
Purple

25c ea. \$2.50 doz.

If sent by parcel post include extra for postage.



Crocuses

CROCUSES

One of the first to bloom in the spring, lifting its head almost before the snow has disappeared. Blooming at a time when the ground is destitute of foliage, it is a welcome visitor. The crocus succeeds well when grown in pots for indoor culture, as well as for borders and beds for outdoor culture; may also be grown in water with a little sand in any shallow dish or plate.

Plant in the open ground 2 inches deep and 2 inches apart.

Blue, white, striped, yellow.

Prices on application.

GLADIOLI

Ready for shipment April 15

	Doz.
America—Beautiful flesh pink	\$.60
Crimson Glow—Large wide open glowing crimson	1.00
Halley—Lovely salmon pink and yellow	.60
Herada—Large glistening mauve	1.00
Lily White—Pure white	1.00
Miss Helen Franklin—Pure white with violet markings	1.00
Splendorra—Splendid, very dark wine black	1.00
Wilbrink—Pink with creamy white blotch	.60
Choice Mixed Varieties made from choice named sorts that blend either for cut flowers or bedding in the garden	\$4.00 per 100 .60

If sent by parcel post add extra for postage. We make the 100 price on 50 bulbs and over. Bulbs should be set out in the ground after all danger of frost is over.

All prices quoted in this catalogue subject to change without notice.

DAHLIAS

Bulbs Ready for Shipment April 15th

No plants are easier to grow, respond more readily to care, flower more freely, and show such a wide range of color and types as the Dahlias.

They should not be planted until after all danger of frost is over. Plant in a moderately rich soil, covering the tubers 3 inches deep.

Give plenty of water and sunshine and stir only the surface soil in cultivating.

DAHLIA BULBS

We list below a few of our most popular varieties.



Acquisition (S)—An exquisite shade of deep lilac	Each	25c
Admiral Dewey (Peo)—Strawberry, tipped yellow	Each	50c
Azella (Dec)—Creamy yellow, outer petals suffused pink	Each	50c
Betty Austin (H. C.)—Yellow at base of petals, blending to rosy carmine and rose. Yellow at tips. Reflex rose. Each	Each	50c
Bonnie Brae (Dec)—Cream shaded blush pink	Each	50c
Beauty (F)—Beautiful shade of pink. Quilled petals. Free, continuous bloomer	Each	25c
Geisha (Peo)—Scarlet and gold, ring of amber yellow at center	Each	75c
George Walters (H. C.)—Very large soft coral pink, suffused with gold in center	Each	50c
Giant Purple (Dec)—Purple shading to mauve. Free, continuous bloomer. Each	Each	25c
Grand Duchess Marie (S)—Rich buff, overlaid orange, reverse of petals pink. Each	Each	25c
J. H. Jackson (C)—Rich velvety maroon shaded black. Still one of the best. Each	Each	25c

Jeanne Charmet (Dec)—Beautiful lilac pink, shading to white in center. Each	Each	25c
Jean Charzot or Gay Paree (H. C.)—Flowers large, beautiful golden bronze. Each	Each	50c
Lawine (C)—White, lightly suffused with pink. Strong vigorous grower. Each	Each	25c
Le Grand Manitou (Dec)—Large lilac-pencilled crimson, extra fine. Occasionally bear solid purple flowers. Dwarf	Each	25c
Le Armours De Madam (S)—Delicate pale rose, striped scarlet. Very desirable. Each	Each	25c
Lynhurst (Dec)—Brilliant cardinal red. Each	Each	25c
Madonna (Dec)—Large pure white. Very fine	Each	50c
Madame a Lumier (S)—An excellent lilac pink. Good grower and bloomer. Each	Each	25c
Maude Adams (S)—Pure snowy white, overlaid clear lavender pink Each	Each	25c
Miss Helen Hollis (S)—Deep scarlet. Flowers very large	Each	25c
Mrs. Carl Salbach (Dec)—Lovely shade mallow pink. Stems extremely long and cane like. Fine growing habits, generous producer of tubers and beautiful large flowers	Each	50c
Mrs. I. De Ver Warner (Dec)—Very large beautiful flowers of fine form. Rich rosy mauve. Each	Each	50c
Mrs. J. Harrison Dick (Dec)—Best of all bronzy yellows. Wonderful grower of medium height and branching habit, producing the perfect flowers on long stiff stems. Here is the dahlia supreme. Each	Each	50c
Millionaire (Dec)—Dainty lavender, with pink sheen overcast	Each	50c
Mt. Shasta (H. C.)—Very light shell pink. Extra fine, full, deep flower of enormous size	Each	\$1.00
Oregon Beauty (Dec)—Very bright vermilion cardinal, rich and glistening. Flowers large, on long graceful stems. Early, free and continuous bloomer. Each	Each	25c
Perfect Beauty (Dec)—Bright light scarlet. Petals heavily tipped white. Each	Each	\$1.00
Paul Bunyan (Dec)—Beautiful salmon pink, with aluminous sheen Each	Each	50c
Pearl De Lyon (Cac)—Pure white. Flowers serrated at points	Each	25c
Pride of California (Dec)—Called the "American Beauty" Dahlia. Huge crimson red flowers. Very strong and rapid grower, and sure bloomer. Each	Each	50c
Princess Victoria (S)—Pure canary yellow. Free bloomer	Each	25c
Rose (S)—Color an exceptionally deep rose shade	Each	25c
Rosalie Styles (Colossal Peony)—Largest and best pink of this class. Beautiful form, immense size, free and continuous bloomer	Each	\$1.00
Storm King (S)—Pure white	Each	25c
Souv. D. M. Blain (Dec)—Ideal cerise. Extremely early, profuse and continuous bloomer	Each	25c
Tokio (Dec)—Beautiful rich velvety maroon	Each	25c
Yellow Colosse (Dec)—Large showy flowers of pure primrose-yellow. Each	Each	25c

If we should be out of any variety of Dahlias at the time we receive your order, we reserve the right to substitute a desirable variety in place of same unless otherwise instructed.

All prices quoted in this catalogue subject to change without notice.

EARLY PEARL OATS

We have made this oat our leader for several years, as we believe it has a record unequalled, and we have received only words of commendation from our customers.

This oat was tried out in varieties of tests at the State Farm Highmoor for several years, and the record shows that it led in yield or was very near the top each year.

It has been awarded Sweepstakes as the highest scoring oat at each successive meeting of the Maine Seed Improvement Association, with the exception of one year since its organization.

A demonstration plot of 3 acres under government inspection in 1914 yielded 88 bushels per acre. The average on the farm of 12 acres gave a yield of 72.

The originator has grown 110 bushels from one acre.

The early Pearl originated in Maine.

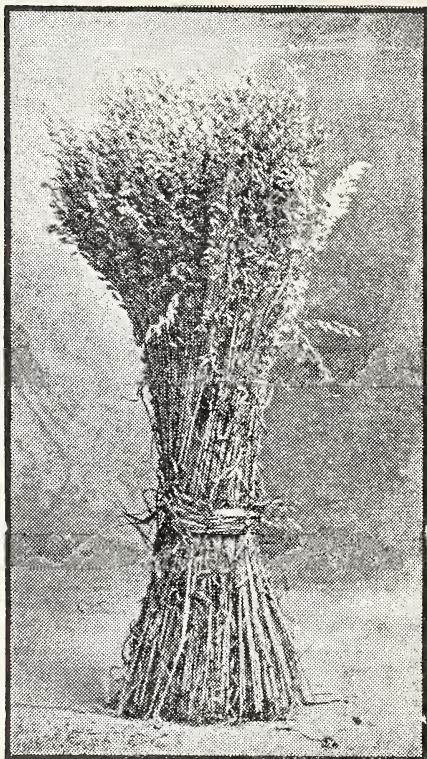
We secure our seed from the originator with a guarantee that it is true to name and free from smut and foul seed.

Prices on application.

WHITE WESTERN SEED OATS

These oats are selected, germinated and recleaned especially for seed.

Write for prices.



Early Pearl Oats

MAINE 340 OATS

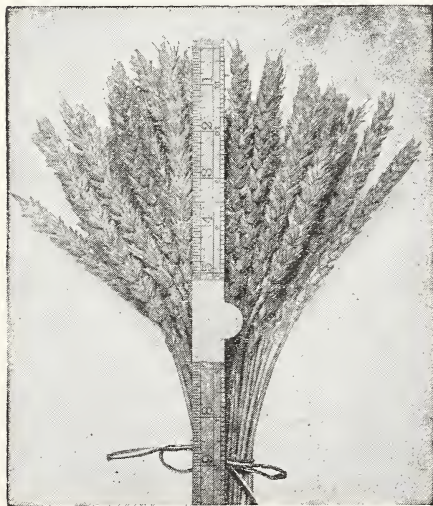
This variety of oat was originated in the State of Maine after many years of careful selection and breeding. A heavy yielder, straw good height, stiff and does not lodge easily. Oats very heavy and of fine quality.

Write for prices.

MARQUIS SPRING WHEAT

A variety produced by scientific cross breeding. First introduced in Canada, and has since rapidly displaced many other varieties in the northwest and in Canada. In appearance is similar to Red Fife, the heads being heavier and the straws shorter, making it less likely to lodge. The kernel is flinty, dark red, plump, and is beardless. Early and a very heavy yielder.

Write for prices.



Marquis Spring Wheat

EXTRA SELECTED FARM SEEDS

At market prices at time order is received. All inquiries for quotations will be promptly answered.



Timothy

KENTUCKY BLUE GRASS. An excellent variety for pasture. Also valuable for lawns when mixed with other grasses; 14 lbs. to the bushel.

CREeping BENT. Ideal for golf link putting greens; it makes a fine turf and lasts well. Also excellent for lawns.

CRESTED DOGSTAIL. A very valuable permanent pasture grass. On account of its fine, close growth it is very valuable in lawn grass mixtures.



Kentucky Blue Grass

SHEEP'S FESCUE. Much liked by sheep, and makes a very fine grass for permanent pasture mixtures where sheep are to be pastured. Also valuable for lawns.

ENGLISH RYE GRASS. Very valuable, arrives early at maturity and produces a good quantity of hay. It grows freely on most any soil and shows a very early spring growth of which cattle are very fond. Very desirable for a pasture grass.

GRASS SEEDS

TIMOTHY OR HERD'S GRASS. The best grass for hay; 45 lbs. to the bushel.

FANCY RED TOP. Clear Seed. A valuable grass and extensively cultivated; 40 lbs. to the measured bushel.

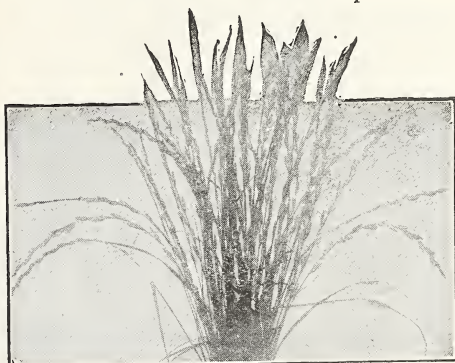
CANADA BLUE GRASS. A very hardy variety of Blue Grass. Excellent for pasture and especially adapted to dry, sandy, thin soils. Does not make as fine a sod as the Kentucky Blue Grass, but will stand rougher usage.



Red Top

ORCHARD GRASS. Valuable on all dry soils, very valuable as a pasture grass; 14 lbs. to the bushel.

RED FESCUE. Valuable as a pasture grass.



English Rye Grass

All prices quoted in this catalogue subject to change without notice.

MILLETS



Hungarian Grass

quality on any soil, yielding 8 to 10 tons per acre and growing from 5 to 7 feet in height. Cattle and horses eat it greedily. Sow in May and June broadcast, 10 to 15 lbs. per acre (it stools remarkably), or in drills, 8 lbs. per acre.

Write for prices.

CLOVERS

Prices subject to market changes. There are no plants so valuable for fertilizers as the clovers. They have the faculty of absorbing nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil. The seed may be sown in fall or spring; the best results will come from sowing in the spring, and is often sown on the late snows of April.

Milletts should be sown in June and July, and are annual forage plants of thick growth, valuable for green fodder or hay, maturing in fifty to seventy-five days from the time the seed germinates, producing an abundant yield of forage, relished by all kinds of stock. They must be cut while in blossom to make good hay. At market prices at time order is received. All inquiries for quotations will be promptly answered.

HUNGARIAN GRASS. Early. Grows two to three feet high; abundant foliage; withstands drought and yields well on light soils; 48 lbs. to the bushel.

DWARF ESSEX RAPE, ENGLISH

Is easily grown, perfectly hardy and possesses remarkable fattening properties. Under ordinary field conditions the plants reach height of about 4 feet; the roots being strong growing, penetrate the soil to a considerable depth.

Dwarf Essex Rape will be found to resist summer drought if care is taken to get the plants well started before extreme summer heat may be expected. For sowing in drills, about 5 lbs. of seed per acre is required; broadcast 15 lbs. per acre.

JAPANESE BARNYARD MILLET

This wonderful and valuable new forage plant was introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experiment Station. It has proven an enormous yielder in all sections of the United States; hay and fodder of most excellent



Red Clover

MEDIUM RED CLOVER. The common Red Clover and by far the most practical variety for agricultural purposes.

MAMMOTH OR PEA VINE CLOVER. Of ranker growth than Medium Red and usually lasts longer.

ALSIKE CLOVER. Very hardy, particularly adapted for low moist land.

WHITE CLOVER. Very hardy, particularly adapted for low moist land. Adapted to all soils. Very hardy.

SCARLET OR CRIMSON CLOVER. A rapid growing annual, fine for soiling cattle, or for plowing under to enrich the soil.

BOKAHRA OR WHITE SWEET CLOVER. Will grow on very poor soils; excellent for plowing under, also makes a superior forage crop. This is a biennial and will not last over two years. Valuable for

beekeepers Write for prices.



Alfalfa

ALFALFA

ALFALFA OR LUCERNE. The greatest known forage crop. The soil should be a deep loam, well-drained with loose subsoil so that no water will stand on the land. Agricultural Lime should be used at the rate of one ton to the acre to correct any acidity in the soil.

GENUINE GRIMME ALFALFA. A hardier and more productive strain of alfalfa than any other variety. This has been determined by extensive trials at various experiment stations and on many farms in the northern states. It originated in northern Minnesota after many years of careful selection Write for prices



SOJA OR SOY BEANS

MAMMOTH YELLOW

Very valuable for fertilizing and enriching the soil; also used for pasturing, feeding as green fodder, and for silo purposes. Sow broadcast in May or June, at the rate of one bushel to the acre, or they may be planted in drills three feet apart and one foot between plants.

At market prices time order is received.

COW OR SOUTHERN PEAS

The great soil improver. Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Peas are the most popular, especially for medium or light soil. They should be sown the last of May, or in June, at the rate of one and one-half bushels to the acre, and plowed under as soon as they have attained their growth. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity, as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers.

At market prices time order is received.



Soja or Soy Beans

Cow Peas are also valuable as a forage crop.

BLACK EYE. Seed creamy white, with a large black eye. A prolific vine grower.

WHIP-POOR-WILL. Seeds are good size, speckled brown in color. A prolific bunch growing variety.

SUDAN GRASS



Sudan Grass

This is a drouth-resisting grass of great merit, and yields an abundant crop. On very dry lands it yields more forage than Millet; the hay is relished by stock, is of superior quality and is very easily cured.

It is a very tall growing grass, reaching a height of from five to seven feet.

As this is strictly an annual and dies each year, it must be seeded again each spring. It should not be planted until the soil has become warm in the spring. If sown broadcast, 16 to 24 lbs. of seed per acre are required.

At market prices.

SAND, OR WINTER VETCH

One of the pea vine class of plants. Better than other fodder crops on poor, dry, sandy soil, while in good soil it makes a rank growth of four to five feet. Perfectly hardy all over the United States, stands drought well and remains green all winter. It is the earliest of all spring fodder crops. Sow for spring use in August with $\frac{1}{2}$ bushel of winter rye or oats, or in spring with $\frac{1}{2}$ bushel of oats, rye, or barley. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow at the rate of one bushel per acre.

At market prices time order is received. All inquiries for quotations will be promptly answered.

GRAINS

Prices subject to market changes. All inquiries for quotations will be promptly answered.

Spring Wheat, Winter Wheat, Spring Rye, Winter Rye, Barley, Oats, Silver Hull Buckwheat, Japanese Buckwheat, Indian Wheat, or Rough Hulled Buckwheat

All our grains are selected expressly for seed, and are strictly pure and true.

PASTURE SEED

A Special Grass Mixture for Permanent Pastures

This is a special mixture of grasses that produce a heavier, thicker and longer continued growth of grasses than when only one or two kinds are grown. It also makes a much heavier and thicker sod.

Care should be taken in not turning cattle on too soon after seeding. The best results are obtained by mowing the first season and not turning cattle on till the second season, this gives the grass a chance to get firmly rooted.

ed and to form a thick, heavy sod. A liberal quantity of seed should be used so as to insure a thick, heavy sod.

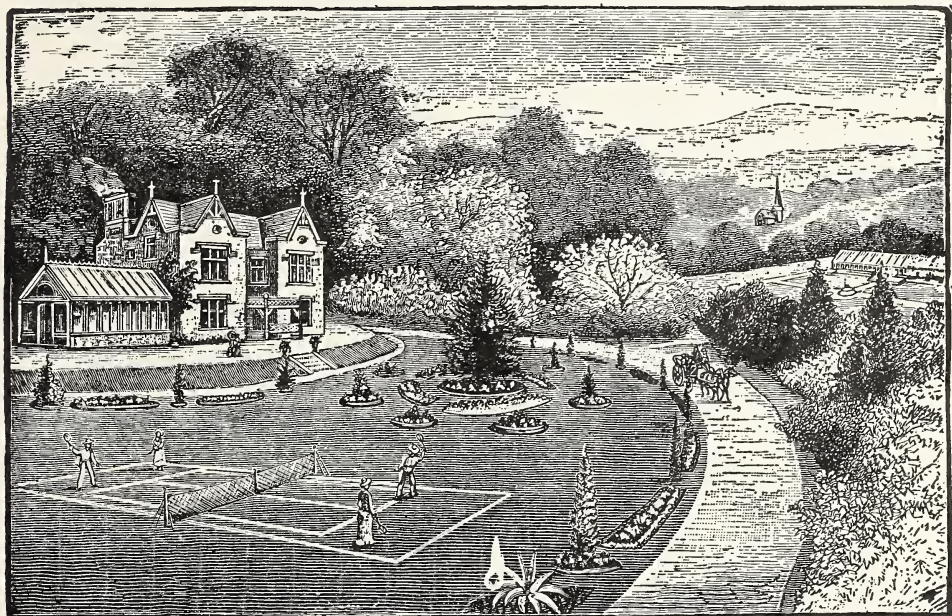
If unable to harrow into the soil, the seed should be sown just as soon as the snow leaves in the spring, while the ground is cool and moist. We recommend using 1 to $1\frac{1}{2}$ bushels of seed per acre.

Price, per bushel of 30 lbs., \$6.50.

All inquiries for quotations for grass seeds, grains, etc., will be promptly answered and samples sent by mail when desired.



Japanese Buckwheat



DUNNING'S LAWN GRASS SEED

This is a mixture of the different varieties of grass seed, which is best suited to this climate for lawns, grass plots, cemetery lots, etc., and selected with a view of suiting all soils and situations, and whether used in pastures, or lawns, has invariably produced the best results. It must be remembered, however, that much of the fine appearance of our lawns depends upon regularity in mowing. If they are left too long in spring before the operation is begun, or if allowed to grow strong in summer, and, more especially, if not closely mown at the latest period in autumn, they become coarse, the stronger grass overgrowing the weaker and the best, the smoothness of the surface being destroyed, and ultimately the whole becoming patchy and unsightly. All lawns should also be regularly rolled, and, unless the subsoil be a porous, alluvial gravel, should also be thoroughly drained at their formation. A drain should be carried along at the bottom of each terrace slope, so that they may at all times be comfortable to walk upon. The seed may be sown in spring or fall, but, if sown in hot weather, a slight sowing of oats, which vegetates quickly among the grass, will serve to protect the springing grass. For forming new lawns, three bushels are required per acre, or about one quart to each square rod of land, which should be regularly and evenly distributed.

A liberal quantity of seed should always be used to insure the best results. Per pound, 50 cents; 5 lbs., \$2.25. If sent by mail, add extra for postage.

Twenty-five pounds per bushel. Prices on larger quantity on application.
If sent by Parcel Post include extra for bag and postage.

DUNNING'S "SHADY" LAWN SEED

This is a mixture of grasses that are naturally adapted for growing under trees and in places where the sun does not find ready entrance.

If sown on such locations in place of the ordinary Lawn Seed, bare and unsightly spots will be prevented.

A liberal quantity of seed should be used to insure the best results.

Per pound, 60 cents; 5 lbs., \$2.75. If sent by mail add extra for postage.

Twenty-five pounds per bushel. Prices on larger quantity on application.

If sent by Parcel Post include extra for bag and postage.

USE SEMESAN, JR. FOR CORN

Ear, root and stalk rots that attack America's corn crop cause an annual loss of \$200,000,000.

Now, by a simple, inexpensive dusting of seed corn with Semesan, Jr., not only are the more prevalent diseases controlled but substantial yield increases are made possible.

Semesan, Jr. is easily applied to seed corn by the convenient dusting method at the rate of 3 ounces to the bushel of seed. Ask us for free crop booklets.

SEMESAN FOR VEGETABLES

Semesan is the only organic mercury fungicide on the market which can be applied in either the liquid or convenient dust forms. This remarkable product prevents or controls a most diversified variety of the seed, plant and soil diseases that reduce the quantity and quality of crop yields.

SEMESAN BEL FOR POTATOES

PRICES					
SEMESAN BEL		SEMESAN, JR.		SEMESAN	
1 lb. . . \$	1.75	4 oz. . . \$	.50	2 oz. . . \$	.50
5 lbs. . .	8.00	1 lb. . .	1.75	8 oz. . .	1.60
25 lbs. . .	31.25	5 lbs. . .	8.00	1 lb. . .	2.75
50 lbs. . .	72.50	25 lbs. . .	37.50	5 lbs. . .	13.00
100 lbs. . .	140.00	50 lbs. . .	72.50	25 lbs. . .	62.50
		100 lbs. . .	140.00	50 lbs. . .	122.50
				100 lbs. . .	240.00

Inoculate

ALL LEGUMES

Alfalfa, All Clovers, Soy Beans, Cow Peas, Vetch
Peas, Beans, Peanuts with

Every Can
Stamped with
Expiration
Date
—
Fresh
Each Year



Every 1 Bu.
Size Can
Packed with
More Than
7 Billion
Legume Germs

THE ORIGINAL LEGUME INOCULATOR

WITH THE DATE AND GERM COUNT ON EVERY CAN

FOR profitable results, Agricultural Colleges advise inoculation for all legume seed, because it pays well in producing larger quality yields. NITRAGIN inoculated legumes draw their nitrogen from the air—not from the soil—with billions of fresh nitrogen-gathering germs.

With more than 7 Billion germs in a 1 bu. size, costing the farmer less than 15¢ per billion, NITRAGIN is cheapest legume crop insurance on the market. On the NITRAGIN label, the expiration DATE guarantees fresh germs, the GERM COUNT tells you exactly what you are buying. Protect yourself. Insist on NITRAGIN!

The NITRAGIN label tells the whole story—at a glance



Sold in ventilated tins—packed in a rich soil-like, granular medium. Easy to apply on seed. Directions on every can.



NITRAGIN PRICES

Alfalfa, All Clovers, Vetch, Peas, Beans		
Size	Inoculates	Price
1/4 bu.	15 lbs. seed. . . . .	.40
1/2 bu.	30 lbs. seed. . . . .	.60
1 bu.	60 lbs. seed.	1.00
5 bu.	300 lbs. seed.	4.75

Special Prices on Soy Beans and Cow Peas

(Note sizes carefully—not packed in smaller sizes)

1 bu.	60 lbs. seed. . . . .	.40
2 bu.	120 lbs. seed. . . . .	.70
5 bu.	300 lbs. seed.	1.50
10 bu.	600 lbs. seed.	2.50

GARDEN NITRAGIN

Inoculates from 1 ounce to 8 lbs. seed.
Price, \$.25

IMPORTANT: When ordering NITRAGIN, always be sure to state kind of legume seed you wish to inoculate.

NITRAGIN HAS SERVED THE AMERICAN FARMER SINCE 1898

Table Showing the Quantity of Seed Usually Sown Upon an Acre

	Lbs. Per Bush.	Amt. per Acre		Lbs. Per Bush.	Amt. per Acre
Alfalfa	60	20 lbs.	Millet, Japanese	35	10 to 15 lbs.
Barley, broadcast	48	2½ to 3 bu.	Millet, Siberian	48	12 to 15 lbs.
Beans, Dwarf, in drills	60	1 to 1½ bu.	Oats, broadcast	32	3 to 4 bu.
Beans, Pole, in hills	60	10 to 12 qts.	Onions, in drills		4 to 5 lbs.
Beets, Garden	6	lbs.	Onion Sets, in drills	32	8 to 10 bu.
Beets, Mangel Wurzel	6	lbs.	Orchard Grass	14	2 to 3 bu.
Buckwheat	48	1 bu.	Parsnips, in drills		5 lbs.
Cabbage	6	to 8 oz.	Peas, Smooth, broadcast	60	2 to 3 bu.
Carrot	3	to 4 lbs.	Peas, Garden, in drills	56	1¼ to 1½ bu.
Clover, Alsike	60	6 to 10 lbs.	Potatoes	60	10 to 12 bu.
Clover, Red	60	12 to 20 lbs.	Pumpkin, in hills		3 to 4 lbs.
Clover, White	60	6 to 10 lbs.	Red Top, clean seed	40	8 to 10 lbs.
Corn for Ensilage, in drills	½	to 1 bu.	Rye, broadcast	56	1½ to 2 bu.
Corn, in hills	10	qts.	Squash, in hills		4 lbs.
Cucumber in hills	1½	to 2 lbs.	Sudan Grass		16 to 24 lbs.
English Rye Grass	24	2 to 3 bu.	Timothy	45	½ bu.
Hungarian	48	1 bu.	Turnip, broadcast		2½ to 3 lbs.
Kentucky Blue Grass	14	2 to 3 bu.	Turnip, in drills		1 to 2 lbs.
Lawn Grass	25	3 bu.	Vetches	60	½ to 1 bu.
Millet, Golden	48	1 bu.	Wheat, broadcast	60	1½ to 2 bu.

Weight of Various Articles

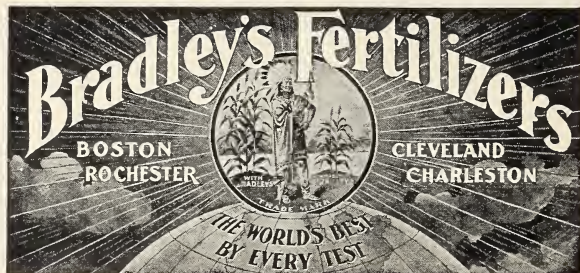
	Lbs. per Bush.		Lbs. per Bush.
Apples	44	Peas, Wrinkled	56
Barley	48	Peas, Unshelled Green	28
Beans	60	Potatoes	60
Beans, String, Green Unshelled	24	Rye	56
Beets	60	Rye Meal	50
Beet Greens	12	Salt, Coarse	70
Buckwheat	48	Salt, Fine	60
Blue Grass, Canadian	14	Salt, Liverpool	60
Blue Grass, Kentucky	14	Salt, Turk's Island	70
Carrots	50	Spinach	12
Clover	60	Timothy	45
Corn, Shelled	56	Tomatoes	56
Corn, on Ear	70	Turnips, Ruta Baga	60
Corn, Cracked	50	Wheat	60
Corn Meal	50	Flour, per bbl.	196
Charcoal	22	Potatoes, per bbl.	165
Hungarian	48		
Millet, Golden	48		
Millet, Japanese	35		
Oats	32		
Orchard Grass	14		
Onions	52		
Parsnips	45		
Peas, Smooth	60		

Number of Plants or Trees to the Acre at Given Distances

Distance Apart	Quantity per Acre	Distance Apart	Quantity per Acre
½ foot	174,240	4 feet by 2 feet	5,444
1 foot	43,560	4 feet by 3 feet	3,629
1½ feet	19,360	4 feet by 4 feet	2,722
2 feet	10,890	5 feet	1,742
2½ feet	6,969	6 feet	1,210
2½ feet by 12 inches	17,424	7 feet	889
2½ feet by 16 inches	13,068	8 feet	680
2½ feet by 20 inches	10,454	10 feet	435
2½ feet by 2 feet	8,712	12 feet	302
2½ feet by 2½ feet	6,970	15 feet	193
3 feet by 1 foot	14,520	18 feet	134
3 feet by 2 feet	7,260	20 feet	108
3 feet by 3 feet	4,840	25 feet	69
4 feet by 1 foot	10,888	30 feet	64

All prices quoted in this catalogue subject to change without notice.

For all
General
Farming



Write
For
Prices

SHEEPS HEAD BRAND PULVERIZED SHEEP MANURE

A natural dressing for Lawns, Flower Beds, Vegetable Gardens, Golf Links, etc., and is the best of all manures for mixing with the soil for Greenhouse Plants.

As a lawn top-dressing, it cannot be equalled. It can be applied two or three times to the lawn during the season, at the rate of about one pound to thirty square feet or less, owing to the condition of the lawn.

For mixing with soil, take one part of manure to six parts soil. For making a liquid, take one pound of manure to five gallons of water, which can be used daily with safety, if necessary.

It is clean to handle, perfectly dry, thoroughly pulverized, pure and unadulterated.

PRICES

1-pound bag.....	\$.15	25-pound bag.....	\$1.00
5-pound bag.....	.35	50-pound bag.....	1.65
10-pound pkg.....	.65	100-pound bag.....	3.00



STIM-U-PLANT

PLANT STIMULANT TABLET

Most modern, efficient and scientific method of fertilizing growing plants.

Contains highly concentrated, immediately available forms of plant food for use in stimulating all forms of plant life.

Can be used in tablet or liquid form.

PRICES

Small package—10 Tablets.....	15 cts.	.....	postpaid, 19 cts.
Medium package—30 Tablets.....	25 cts.	.....	postpaid, 31 cts.
Large package—100 Tablets.....	75 cts.	.....	postpaid, 85 cts.



ARCADIAN SULPHATE OF AMMONIA

A wonderful fertilizer for garden, lawn or orchard. Guaranteed 25½% of ammonia, the highest test of any fertilizer chemical. Ammonia supplies nitrogen, the most essential plant food. One 2-lb. package of Arcadian contains as much nitrogen as 100 lbs. of stable manure or 20 lbs. of sheep manure. No weed seeds, no odor, no lumps. Does not gather moisture. Always fine and dry. Made in America. Full directions on package.

Prices: 2-lb., .50; 5-lb., \$1.00; 10-lb., \$2.00; 25-lb., \$4.00.

Parcel Post Extra.

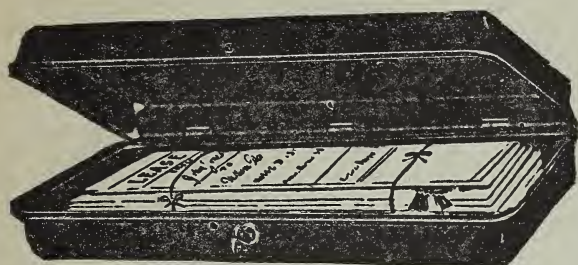
AGRICULTURAL LIME

In 100-pound bags.....	85 cts. per hundred	\$13.50 per ton
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LAND PLASTER

In 100-pound bags.....	\$1.25 per hundred	\$22.00 per ton
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All prices quoted in this catalogue subject to change without notice.



Heavy Bessemer Steel Document Box

Finished in black baked enamel, with two keys.

This is a very valuable box for private papers, such as notes insurance policies, etc.

Size 11 1-2 inches by 5 1-2 inches by 2 1-4 inches. Price 75 cents.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 6c each extra for postage.

NOTICE --- GIVEN FREE TO OUR CUSTOMERS

This valuable and convenient box we give away with cash orders or cash purchases amounting to \$7.50 or over. If desired include in your order. In sending in your order please specify if you wish for one of these boxes included in your order.

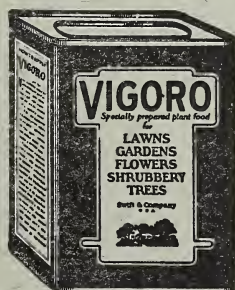
ALL PLANT LIFE MUST BE FED

Plants, like human beings, must receive the right nourishment. VIGORO is specially prepared to supply lawns, gardens, flowers, shrubbery, and trees with all of the plantfood elements needed for a rapid, sturdy, and luxuriant growth.

VIGORO is clean, odorless, and easy to apply. It can be sown by hand like grass seed.

Start right this year by using hardy, disease-free seeds and VIGORO. Your success in gardening will be assured.

**FOR LAWNS,
GARDENS, FLOWERS
SHRUBBERY, TREES**



100-lb. bag.....	\$6.00
50-lb. bag.....	3.75
25-lb. bag.....	2.00
5-lb. bag.....	.60

**Pipe and Pipe Fittings
Sewer Pipe, Fire Clay, Fire Brick
Fire Clay Flue Lining
Elastic Pulp Plaster
Plastering Hair
Roofing**



ELECTRICAL SUPPLIES and RADIOS

Plumbing — Steam Fitting — Heating Supplies

**Agents for ATLAS PORTLAND CEMENT
and KEYSTONE VARNISH CO. PAINTS**

ROCKLAND LIME — CALCINE PLASTER

High Temperature and Asbestos Cement